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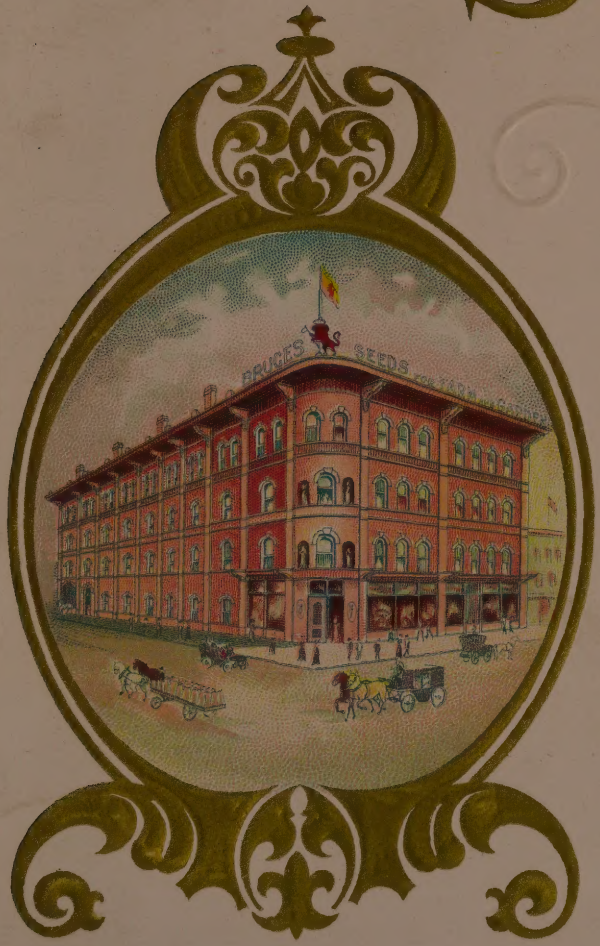
GOLDEN JUBILEE
EDITION

BRUCE'S SEEDS



1910.

1850—1910

The Pioneer Seed House of Canada

ESTABLISHED SIXTY YEARS

OUR COVER ILLUSTRATION

New Spencer Sweet Peas, King Edward VII Spencer.

These magnificent creations are the highest types of the loveliest and most popular flower in the gardens of Canada, the Sweet Pea. The variety illustrated on back of cover is one of the handsomest, and we highly recommend these beautiful new sorts. See pages 44 and 45 for all these new varieties.

DISCOUNTS ON SEEDS IN PACKETS ONLY

Those	who	remit	$1 00	for	Seeds	in Packets	may select to the value of	$1 25
"	"		2 00	"	"	"	" "	2 50
"	"		3 00	"	"	"	" "	3 75
"	"		4 00	"	"	"	" "	5 00
"	"		5 00	"	"	"	" "	6 25

These Discounts apply to Vegetable and Flower Seeds in Packets only, and only when remittances accompany order. Seeds offered in Special Collections, also Novelties, are not subject to discounts.

Seeds are frequently offered in packets at lower prices than our Catalogue quotations; this is done by reducing the size of the packet. Where seeds are not sold by weight we always give full size pkt.

SEEDS IN COLLECTIONS

No. 1—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Lettuce, Water Melon, Onion, Parsnip, Radish, Spinage and Turnip, our selection; 10 packets. Retail value, 50c, **for 25c postpaid.**

No. 2—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cucumber, Lettuce, Musk Melon, Water Melon, Onion, Parsnip, Parsley, Pumpkin, Radish, Salsify, Spinage, Squash, Tomato and Turnip, our selection; 17 packets. Retail value, 85c, **for 50c postpaid.**

No. 3—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cucumber, Lettuce, Musk Melon, Water Melon, Onion, Parsley, Parsnip, Pumpkin, Radish, Salsify, Spinage, Squash, Tomato and Turnip, and ½ pint each Beans, Corn and Peas, our selection; 17 packets and 3 half-pints. Retail value, $1.25, **for 75c postpaid.**

No. 4—Vegetable. 1 pkt. each Beet, Cabbage, Carrot, Cress, Cucumber, Lettuce, Musk Melon, Water Melon, Onion, Parsley, Parsnip, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato and Turnip, and 1 pint each Beans, Corn and Peas, our selection; 18 packets and 3 pints. Retail value $1.65, **for $1.00 postpaid.**

No. 5—Root Seeds. 1 pkt. each 3 best varieties Sugar beet, 3 best varieties Field Carrot, 3 best varieties Mangels, and 3 best varieties Field Turnips, our selection. Retail value 60c, **for 35c postpaid.**

No. 6—Floral. 1 pkt. each Balsam, Sweet Alyssum, Chrys. Sunflower, Fringed Hollyhocks, Dianthus, Pansy, Stocks, Petunia, Verbena and Zinnia, 10 packets. Retail value, 50c, **for 25c, postpaid.**

No. 7—Floral. Bruce's Royal Nosegay Sweet Peas. See page 41. Ten exquisite distinct varieties. Retail value 50c, **for 25c postpaid.**

No. 8—Floral. Bruce's Spencer Novelties Sweet Peas. See page 44. Six grand new sorts. Retail value 65c, **for 50c postpaid.**

No. 9—Floral. Bruce's Peerless Dwarf Nasturtiums. See page 41. Seven grand distinct varieties. Retail value 35c, **for 25c postpaid.**

No. 10—Floral. Bruce's Peerless Tall Nasturtiums. See page 41. Seven splendid distinct varieties. Retail value 40c, **for 25c postpaid.**

No. 11—Floral. Bruce's Empire Asters. See page 41. Five superb distinct varieties. Retail value 50c, **for 25c postpaid.**

NOTE—None of the above collections can be changed in their make up. Full size packets are used in all cases. Remittances much accompany order. All the above collections will be sent postpaid to United States except Nos. 3 and 4, to which add 20c and 35c respectively for extra postage. Postage to Newfoundland is 15c per lb. or any part of a pound; add 15c extra for postage there on any of above collections except Nos. 3 and 4, to which add 20c and 35c respectively.

Novelties

See pages 5, 6, 7 for Vegetable Novelties, and pages 42, 43, 44 and 45 for Flower Seed Novelties. Plants, a fine collection, see pages 76 to 84. Bruce's Big Four Field Root Specialties, page 105.

The following Catalogues are published during the year and will be mailed free to Applicants:

No. 1—Illustrated Seed Catalogue, published 1st January, a descriptive list of Agricultural, Vegetable and Flower Seeds, Culinary Roots, Garden Implements, Spring Flowering Bulbs, Plants, etc.

No. 2—Market Gardeners' and Florists' Special Price List, published 1st January.

No. 3—Annual Fall Wheat Circular, published 15th August.

No. 4—Bulb Catalogue, published September 1st, containing a choice collection of Double and Single Hyacinths, Tulips, Polyanthus Narcissus, Crocus, Snowdrops, Crown Imperials, Lilies, etc.

PLANTS AND SEEDS CAREFULLY PACKED FOR ALL CLIMATES.

ESTABLISHED 60 YEARS. **ORDER SHEET.** See Page 1 of Catalogue for full Instructions to Purchasers

JOHN A. BRUCE & CO., Limited, HAMILTON, ONT.

FORWARD TO

Name _____

Post Office _____

Express Office _____

Province _____

Please write NAME and ADDRESS distinctly and in full.

AMOUNT ENCLOSED:	
P. O. Order, or Postal Note	$
Express Order	$
Draft, -	$
Cash, - -	$
Stamps, -	$
Total,	$
Date,	1910

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No. of Pkgs.	
How Sent	
Date Sent	
Put up by	
Postage	
Advised by	

Conditions of Sale—John A. Bruce & Co. take every precaution to supply reliable Seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

All Seeds forwarded by mail are sent free of charge at Catalogue prices, excepting **Beans, Corn, Mushroom Spawn, Onion Setts, Potatoes, Peas, Sugar Beet, Field Carrot, Mangel, Rape, Field Turnip, Grains, Clover, Grass, Bird, Tree, Hedge and Fruit Seeds**; when such are to be mailed, postage must be added at the rate of **5 cents** per pound or pint, within the Dominion of Canada, and 16 cents per pound or pint to Newfoundland and the United States. **Plants** going by mail require 5c postage for any quantities under 5 plants, or 10c in lots of 10 to Canadian points: double these rates to United States and Newfoundland.

Bushel.	Peck.	Quart.	Pint.	Pound	Ounce.	Packet.	NAME OF SEEDS WANTED.	Price.

☞ **Make all Money Orders, Drafts, Etc., payable to John A. Bruce & Co, Limited. Use Ink when writing out Order.**

Bushel.	Peck.	Quart.	Pint.	Pound.	Ounce.	Packet.	NAME OF SEEDS WANTED.	Price.

Every Customer **ordering goods from us** to value of 25c and over, who will send the names of neighbors or friends **having gardens** and who have not been using our Seeds will receive a Packet of some useful Vegetable or Flower Seed for their kindness. This offer good only till 15th April.

SIXTY YEARS OF SUCCESS

1850——1910

THE year 1910 marks the Golden Jubilee of The Pioneer Seed House of Canada, and some little history of this business may interest our patrons. There are very few business houses that have been established as long as this business, and kept in the same family, in Canada or even in the States, and as well as being the oldest seed house in Canada, we are one of the oldest in America, possibly Landreth's, of Pennsylvania, Thorburn's and Henderson's, of New York, being the only older houses on this continent, while there were two or three others established about the same time.

This business was established in the fall of 1850, and actively entered on its business existence on the arrival of John A. Bruce, in 1851, from Scotland, where he had served an apprenticeship of seven years, learning the business with J. Alexander, of Banff, and Messrs. Dicksons, of Edinburgh. In 1858 F. C. Bruce, after serving an apprenticeship of five years with the same Edinburgh seed house, joined his brother and was made a partner in 1861. In 1893 John A. Bruce retired, and F. C. Bruce continued as sole owner till 1906, when he also retired, and the business was taken over by his sons, W. H. Bruce, who had entered the business in 1885, and E. W. Bruce, who entered in 1902. In the fall of 1909 the business was incorporated and made into a joint stock company, with W. H. Bruce as President, E. W. Bruce, Secretary-Treasurer, and J. S. Laurie, G. Morrison and T. Lawson, Directors, the last three being efficient and trustworthy employees of the house for over 20 years.

Our first warehouse was a small store on James street north, where the Lister block now stands, it consisting of two stories and basement, each with a floor space 18 ft. by 40 ft. In 1855 the business moved to King street west in the Pringle Block, this building containing three stories and basement, with a floor space each of 14 ft. by 100 ft. In two years the firm moved into larger premises next door west, this warehouse consisting of three stories and basement, with a floor space of 21 ft. by 100 ft. In 1874 the property on southwest corner of King and Macnab streets was purchased, and a fine building was erected specially for the constantly growing business. This building was four stories and basement, each 58 ft. by 125 ft., though only half of the building was used as a seed warehouse. In 1893 this building was largely destroyed by fire and rebuilt at once, and this business now occupies four stories and basement and two stories over the west half of the building, in all seven flats, with floor space each of 29 ft. by 125 ft., besides requiring considerable outside storage during the busy spring season.

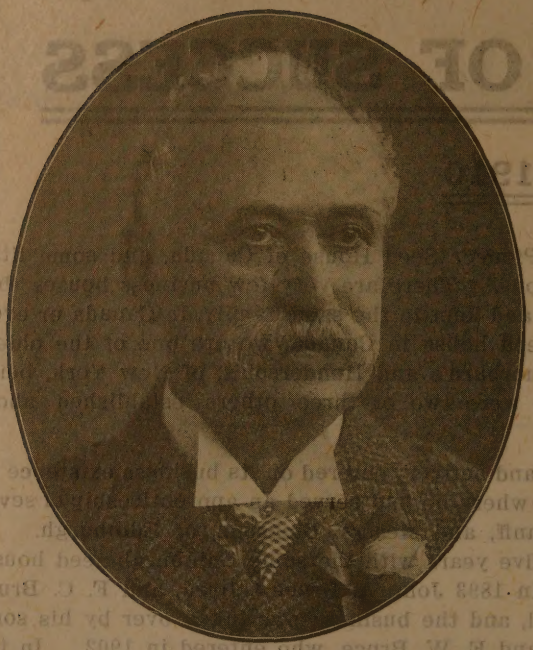
In 1851 our Spring Catalogue consisted of one page, with an issue of 500; in 1885 this catalogue consisted of 64 pages, with an issue of 17,000, while now our Spring Catalogue consists of 104 pages with an issue of 40,000. Besides this, we issue in the spring 2,000 Wholesale Catalogues of 28 pages, and 2,500 Gardeners Catalogues of 8 pages, and in the fall 3,000 Wheat Catalogues of 4 pages an 8,000 Bulb Catalogues of 28 pages, a total of nearly 60,000. Our business extends from coast to coast, and we also have customers in United States, Europe, India, Africa, South America and New Zealand. We also export Clover and Grass Seeds to Europe, New Zealand and the United States. While we number among our customers many families that have dealt with us since the establishment of the business, we still have a few who have dealt continuously with us for 40 to 50 years, among whom are Mr. S. N. Watts, of Porthmouth, and Mr. John Mc Cormack, of East Hamilton.

During the sixty years of its existence there have been many changes in business and in Canada, and we are proud to say that the history of this business, like Canada, has been one steady but strong growth. It has been our constant endeavor to make the name of Bruce stand out pre-eminently in the Seed Trade, and we have always used the greatest care in the selection of our stocks and growers, and we have to-day long and strongly established connections with the best growers in Britain, France, Germany, Holland, Denmark, United States and Canada.

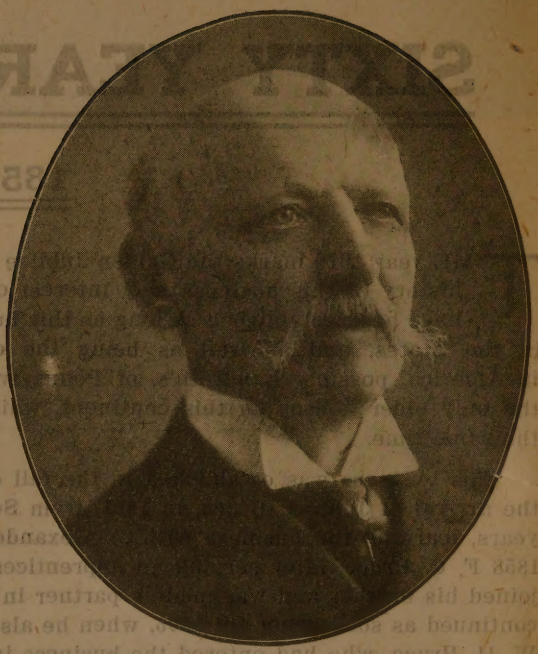
All our Seeds are carefully tested for germination before being sent out, and we make careful field trials each year to see that our stocks are up to the Bruce standard and to try new varieties.

We are justly proud of the reputation and reliability of our stocks, and if we had the space we could publish each year many unsolicited letters testifying to the grand results produced from Bruce's seeds. We look forward to supplying the Canadian farmer, gardener and amateur for generations to come, and it is this hope that has made and makes us use every endeavor to please our customers and to add to the laurels which each year are added to the reputation of the House of Bruce.

In Seeds the main consideration is quality, not price, and our motto has always been, "Not How Cheap, but How Good."



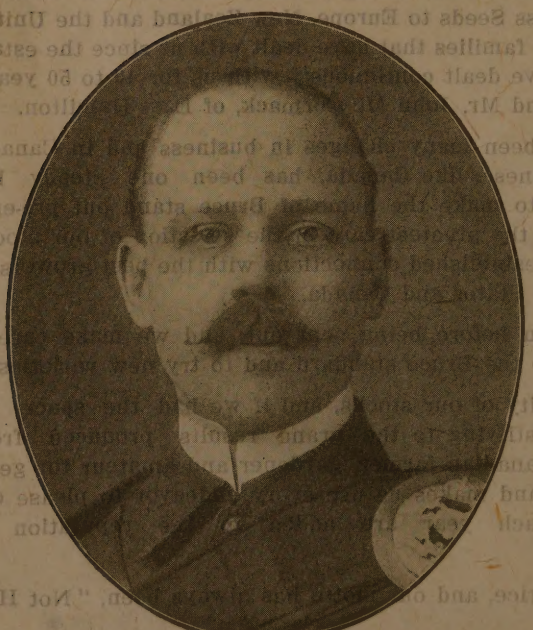
JOHN A. BRUCE.



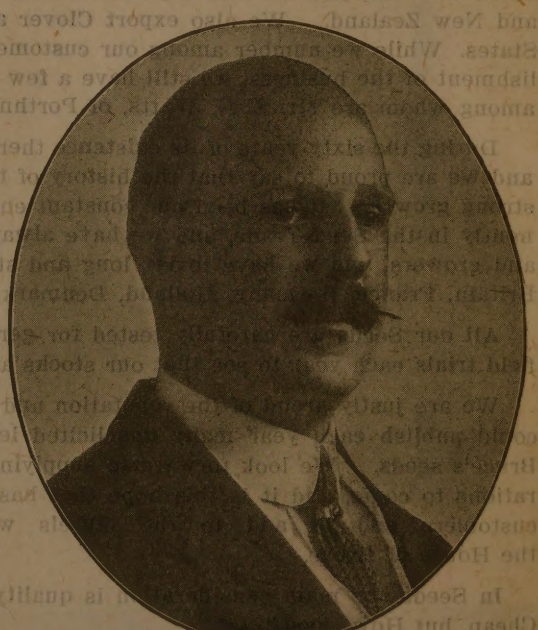
F. C. BRUCE, EX-M. P.

WAREHOUSE, BUILT 1874.

WAREHOUSE, REBUILT 1893.



LIEUT.-COL. W. H. BRUCE.



E. W. BRUCE.

BUSINESS ESTABLISHED 1850. Office and Warehouse, Cor. King and Macnab Streets.

JOHN A. BRUCE & CO., LIMITED

Exporters of Clover and Grass Seeds

SEED GROWERS AND MERCHANTS

HAMILTON, CANADA, Jan. 1st, 1910.

IN presenting the FIFTY-NINTH ANNUAL EDITION OF OUR ILLUSTRATED CATALOGUE OF SEEDS FOR THE FARM, VEGETABLE AND FLOWER GARDEN, GREENHOUSE AND FOREST, of Garden Implements and Agricultural and Horticultural Sundries for 1910, we again appeal with confidence to those who have patronized us so liberally in the past for a continuance of their favors, which have come to us with such gratifying regularity since the establishment of this business sixty years ago, and we also avail ourselves of this opportunity to solicit from others whom we have not hitherto had the privilege of serving, a share of their patronage.

Our catalogue contains nearly everything of value to those engaged in Agricultural and Horticultural pursuits. New introductions of Flowers, Vegetables and Field Roots are annually offered to the public, often with descriptive matter differing widely from the reality, and usually outlined by illustrations of an extravagant character. We have endeavored in our publications, as far as possible, to protect the vegetable kingdom from such caricatures. We invariably make ourselves acquainted with the value of what are termed novelties before offering them, and when this cannot be done we give the raiser's description only; we make this reference in the interest of those who have not been using our seeds, and who may infer from the modest illustrations in our Catalogue that the product must necessarily be of the same dimensions. One trial will remove any misapprehension of this nature, and prove that in quality our stock of Seeds for the Farm, Garden and Greenhouse are at least quite equal to any offered, no matter from what source they come.

In North America unfavorable weather at planting time and the long, dry summer has curtailed the crops of Beans, Sweet Corn, Cucumber, Melons and Peas; in Europe the most unfavorable season for seed crops in many years has given short crops of Peas, Garden and Field Beets, Mangels and Swede Turnips, and this, combined with a short crop of some of above, with a heavy demand the past season, has brought prices to the highest point in many years on some lines. However, in anticipation of an increased demand, we have arranged with our growers for larger supplies, and our many customers can rely on their orders being filled with our own fine stock as usual, when ordered in good time, and where prices have been advanced it has been absolutely necessary, and they have been made as reasonable as possible under existing conditions.

SUGGESTIONS TO CUSTOMERS.

Owing to the extended nature of our business connections and the heavy expenses incurred in collecting accounts, we conduct our business on **Cash Principles**; therefore, orders to receive prompt atention must be accompanied by a remittance of the amount. **Remittances** can be made in current Bank Bills, Postoffice Orders, Postal Notes, Express Orders, or by Draft, and for amounts under one dollar, in Postage Stamps. Postoffice Orders, Postal Notes and Express Orders are preferable to all others, as there is no possibility of loss, but when these cannot be obtained, Registered Letters are most certain to reach their destination. **Do not send checks unless marked by Bank and made payable at par here.** As the seed season continues only for a few months in the year, there is, of course, a great pressure of business when sowing commences. Except in cases of extreme urgency ,all orders will be executed in rotation as received. **We will, therefore, feel greatly obliged if our customers will kindly forward their orders as soon as possible after the receipt of this Catalogue, and please remember to give your Name, Postoffice Address and Province, in full.** We are frequently in receipt of orders deficient in some of these important requisites, often causing a delay of weeks in their execution, greatly to the inconvience of the sender, as well as our own.

Address all Correspondence and make all Money Orders payable to JOHN A. BRUCE & CO. Limited

EXPRESS AND FREIGHT RATES AND MAILING CONDITIONS.

For the information and convenience of our customers we give below the present rates from Hamilton to the various points named. The rates between any two points will be proportioned according to distance. As these rates are subject to change we cannot guarantee them.

FREIGHT RATES FROM HAMILTON PER 100 LBS.

	On Barley, Oats, Buckwheat, Peas and Wheat.		*On Clover, Timothy, Hungarian, Millet, Red Top, Etc.*		**Express Rates from Hamilton Per 100 lbs.**
	All Rail.	Lake and Rail.	All Rail.	Lake and Rail.	
Port Arthur, Ont.	$0 54	$0 35	$0 72	$0 42	$2 40
Winnipeg, Man.	0 88	0 80	1 14	1 02	3 40
Brandon, Man.	1 03	0 95	1 34	1 22	4 80
Regina, Sask.	1 30	1 22	1 71	1 54	4 80
Calgary, Alta.	1 64	1 56	2 16	2 04	6 40
Prince Albert, Sask.	1 44	1 36	1 90	1 78	6 00
Edmonton, Alta.	1 64	1 56	2 16	2 04	7 20
Vancouver, B. C.	1 65	1 63	1 65	1 63	9 00
Victoria, B. C.	1 65	1 63	1 65	1 63	9 30
St. John, N. B.	0 43		0 52		2 00
Charlottetown, P. E. I.	0 49		0 54		3 20
Halifax, N. S.	0 45		0 53		2 40

The lowest freight charge is for quantities of 200 lbs. For any quantity under 200 lbs. the charge is the same as for 200 lbs. Express rates are special rates on Seeds of any description. 25 lbs. and over at 100 lb. rate; less than 25 lbs. higher, according to weight.

Our postal arrangements enable us to forward Seeds, Bulbs and plants to any Post Office in the Province of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, Alberta, Saskatchewan and British Columbia, at the rate of 5c per pound, and our careful system of packing will carry them with safety to the most distant point, giving purchasers in the remotest districts the opportunity of procuring reliable seeds at reasonable prices when far removed from source of supply

Catalogue mailed free to any address on application.

Sincerely thanking you for past favors, and soliciting a continuance of the same, with your kind recommendations,

We are your obedient servants,

W. H. Bruce, President.
E. W. Bruce, Sec-Treas.

JOHN A. BRUCE & CO., LIMITED

NOVELTIES AND SPECIALTIES IN VEGETABLES

Descriptions given are those of the Growers.

Golden Justice Sweet Corn.

Bruce's Golden Justice Sweet Corn

This fine Sweet Corn is unequalled in flavor, sweetness, tenderness, and other eating qualities, and of fine table appearance. It is an early variety, growing about 5 feet in height, and the ears run from 6 to 9 inches and are borne 2 to 3 on each stalk. It is very hardy, withstanding wet, cold weather at planting time, and light frosts when up. It is a rich creamy yellow, of most tempting appearance, and bespeaks for the purchaser a rich treat, which is more than realized in the eating. It has been grown in Ontario for 5 years with splendid results, and those who have bought it on the market want no other. Pkt. 5c, pt. 25c., qt. 45c, peck $3.00.

New Early Pea, "Velocity."

This is the earliest Pea of all, and should be largely grown for the market. It is a round blue pea, not so large or sweet as the wrinkled varieties, but its extreme earliness makes it very valuable. It combines all the merits of the extra early varieties, and is fully ten days earlier, the peas are uniform in size also, which adds to its value. Grows about 2 feet high. We highly recommend it. Pkt. 10c, ½ pt. 20c, pt. 30c, qt. 50c, 2 qt. 90c, 4 qts. $1.70, peck $3.25.

If Peas are to be mailed add postage 5c per pint to any Canadian address, and 16c per pint to Newfoundland and the United States.

Ailsa Craig Onion

This is a splendid exhibition variety, and if transplanted grows to an immense size. It is a very large oval shaped variety, with light straw colored skin. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Bruce's Paris Golden Yellow Celery

This magnificent strain is used by all the leading growers for the Montreal, Ottawa, Toronto, Hamilton, Winnipeg and other large markets. Celery seed does not lose its germinating properties for some years, and though it has been grown by the same grower from our own stock seed ever since its introduction, to prevent any loss we never send it out the first year, but test it so that we know it is up to our standard of past seasons. See page 14. Pkt. 10c, ½ oz. 40c, oz. 75c, 2 oz. $1.25, ¼ lb. $2.00, lb. $7.00.

New Summer Ballhead Cabbage

The same fine type of Cabbage as the Danish Ballhead, but earlier and a splendid variety for summer use. The heads are large, solid, round and of good quality. In our tests last summer, it showed up to great advantage. Pkt. 5c, oz .30c, 2 oz. 50c, ¼ lb. 90c, lb. $3.25.

New Summer Ballhead Cabbage.

Delicacy Red Cabbage

This is the best Red Cabbage on the market. The heads are handsome shape and solid, and weigh well, and in quality and appearance it is head and shoulders over all others. It is a medium early variety. Tested by us last year with the highest honors. Pkt. 5c, oz. 40c, 2 oz. 70c, ¼ lb. $1.25.

New Delicacy Red Cabbage.

New Cabbage, Glory of Holland

This is a new and very distinct type of second early Cabbage, with large ball-shaped thin ribbed hard heads. The plants are pale green, with few outer leaves, which admits of close planting. This is a particularly attractive variety for market purposes. Pkt. 5c, oz. 30c, 2 oz. 50c, ¼ lb. 80c, lb. $2.75.

New Beet, Fireball

This new Extra Early Beet is a perfect globe shape, the skin is smooth, the flesh solid, with a very sweet flavor, and of a bright intense red color. Very small leaf stalks and small tender tap roots make it valuable for early sowing in frames. It is also very desirable in the open ground, where it retains its fresh table quality better than most beets. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

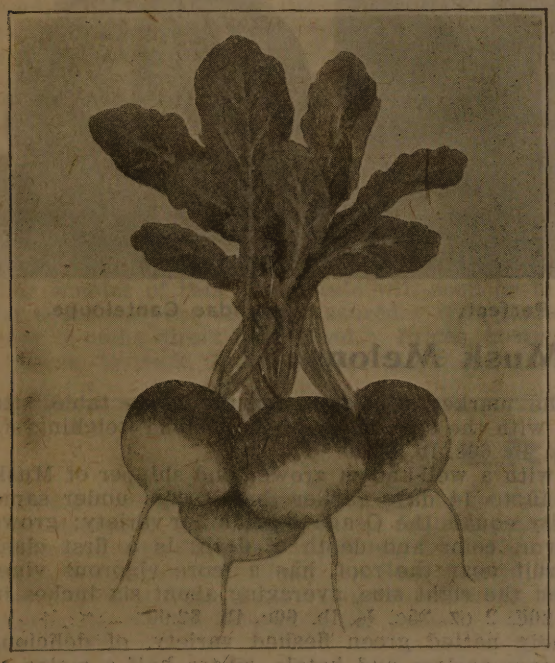
Bruce's Regal Pea

We are confident that this is the finest early dwarf ever introduced. It is good in all respects, and ready for gathering several days before "Gradus," has a true marrowfat flavor, and the pods are very large, quite double the size of any of the "American Wonder," or "English Wonder" type. Height averages eighteen inches, a nice height for market or private purposes. The haulm is covered from top to bottom with even-sized pods, 8 and 9 on a vine, and 9 to 10 in a pod. It is a wonderfully hardy and vigorous grower and pods and haulm are of a particularly rich, velvety green. The color of seed when ripe is blue, wrinkled. Pkt. 15c, ½ pint 30c, pint 55c, quart $1.00, postpaid to Canadian points.

Bruce's First and Best Tomato.

Bruce's First and Best Tomato

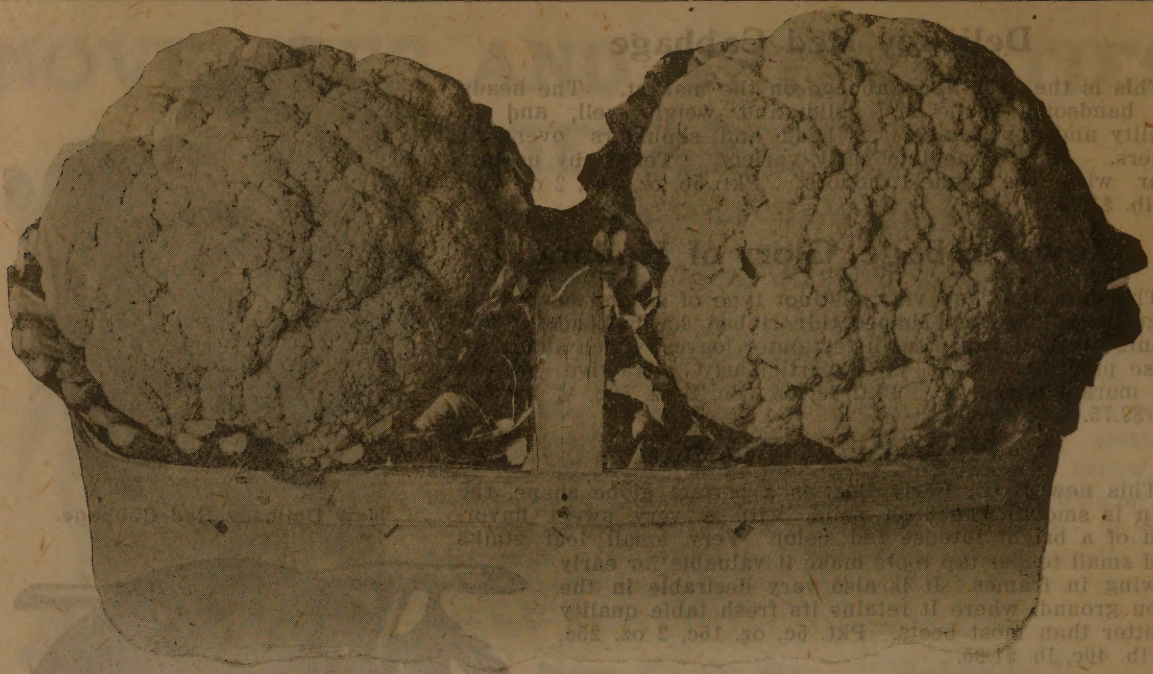
This is the finest all-round Tomato we have yet seen, and all who tried it last year are loud in its praise. It is nearly as early as our Earliana, and a heavy cropper right through the season. Its appearance is magnificent, round, smooth and a beautiful scarlet color, with grand foliage. It is a grand shipper, very uniform in size, and very solid. It is of splendid quality, and for slicing has no equal. Its attractive appearance will make it the leading variety for market use. Pkt. 10c, ½ oz. 30c, 1 oz. 50c, 2 oz. 90c, ¼ lb. $1.50.



New White Tip Radish—Sparkler.

New White Tip Radish, Sparkler

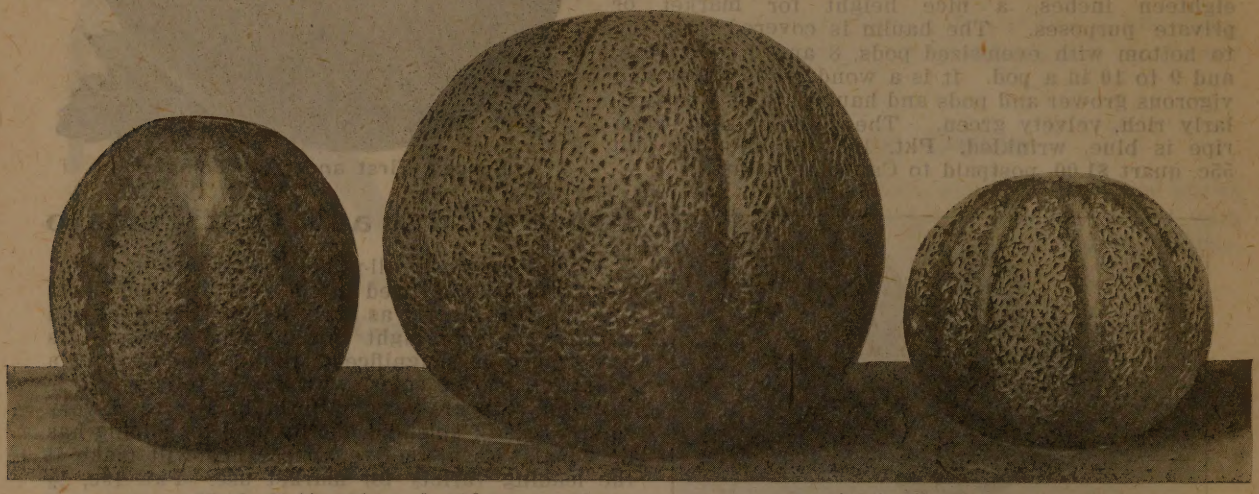
An improved strain of the popular White Tip Radish. The best variety for summer planting. The radishes have a bright scarlet body, with a well defined white tip, showing the proportion of white to red as seen in illustration on this page. The growth is rapid, the tap root is small, and the radishes crisp and mild. The seed is carefully grown and the variety just right for the home garden. On the market this strain will sell for higher prices than any other white tip; equally good for forcing. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.



Bruce's Selected Erfurt Cauliflower

Photographed in 12 quart basket.

The largest growers find our fine strain of this Cauliflower to be the most reliable and profitable on the market. Though it has been grown from our own stock by the same grower ever since we introduced it, and as its germinating properties lose very little, we never send this out the first year, but make a careful test to see it is fully equal to our standard of past years, thus preventing loss to the grower. The above Cauliflowers, grown from our seed, weighed 9½ lbs. each, with a circumference of 31 inches. See page 13. ½ pkt. 15c, pkt. 25c, ¼ oz. 90c, ½ oz. $1.60, oz. $3.00, 2 oz. $5.50, ¼ lb. $10.00.



The Grand. **Unsworth's Perfect.** **Sundae Canteloupe.**

Three Splendid Musk Melons

Unsworth's Perfect—This is the finest Melon on the market, especially for the home table. Its beautiful quality and pleasing appearance, combined with the size, many of the melons weighing six pounds, makes it perfect. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

The Grand—Originated five years ago in Michigan, with a well-known grower and shipper of Musk Melons. The grower claims for this melon: It is 10 to 14 days earlier than Osage under same conditions; is salmon fleshed, and in flavor and quality equals the Osage or any other variety; grows more uniform than any other musk melon in size, flavor, color and depth of flesh; is a first class shipping melon, not cracking at blossom end; sets fruit near the root, has a more vigorous vine, therefore resists disease better than most sorts; is just the right size, averaging about six inches in diameter, and averages 2 lbs. in weight. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00..

Bruce's New Sundae Canteloupe—An extra early finely netted green fleshed variety, of delicious flavor, and a splendid shipper, just the size for ice cream parlors and hotels, where half a melon is served to each individual. Its appearance is most attractive and eating quality unsurpassed. Average weight, 1½ lbs. each. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Read's Green Mountain Oats

A cross from the Mortgage Lifter and White Russian varieties. The straw is absolutely rust proof and of best quality; it resists drought best, is a strong and vigorous grower, tilling abundantly, and heads are extremely large and heavy, with drooping habit when ripe. It yields with great certainty, almost double the ordinary sorts, stands up well, is a grand stooler and of rugged hardiness. Grain is large, pure white; makes grand oatmeal. It does not deteriorate like most sorts, but gains vigor each year as it becomes acclimatized. We grew this variety the past season and can highly recommend it. 1 lb. 25c, 5 lbs. for $1.00, postpaid to Canadian points. By freight, peck 50c, ½ bush. 75c, bush. $1.25..

Read's Triumph Barley

A cross between Highland Chief, 2-row, and Mandscheuri, 6-rowed. It starts quickly, grows rapidly, resists drought, is a wonderful stooler, and outyields all other sorts. It is 6-rowed, beards silky and pliable; grains large, plump, and of bright color; straw stiff, stands erect, and of splendid feeding quality. It is unequalled for malting and to grow in mixed grain crops. This sort grown by us the past season did exceedingly well. Lb. 25c, 5 lbs. for $1.00, postpaid to Canadian points. By freight peck 50c, ½ bushel, 85c, bushel, $1.50.

Read's Reliable Spring Wheat

A cross between British Imperial and Saskatchewan Fife. It is a vigorous grower, stooling heavily, ripens early and uniformly, showing no tendency to rust, and invariably outyielding all other sorts. The straw is of good height, stiff, bright golden color; heads long, semi-bearded, with smooth chaff, grain large, flinty, rich in gluten, of a dark amber color, and makes splendid flour. 1 lb. 40c, 3 lbs. for $1.00, postpaid. By freight, ½ peck, 90c; peck, $1.30; ½ bushel, $2.00; bushel, $3.70.

No. 21 Mandscheuri Barley

This fine strain, a selection by the Ontario Agricultural College, has created a great sensation the past season. We grew it with excellent results, and offer it feeling confident it will give unequalled satisfaction. Postpaid to Canadian points, 25c lb., 5 lbs. for $1.00. By freight, peck 30c, bushel $1.10. 10 bushels $10.00 here.

Bruce's Giant King Swede Turnip

This is an improvement on the Elephant or Monarch or Jumbo Swede, which we think will make a name for itself among root growers. It is tankard shaped, of fine appearance, and the flesh is solid and nutritious. It is a heavy yielder, producing more weight to acre than any other Swede Turnip. ¼ lb. 15c, ½ lb. 25c, lb. 40c; if by mail add postage 5c per lb. to Canada and 16c per lb. to United States and Newfoundland.

Read's Golden Gem Potato

Is a vigorous growing, medium early variety, vines grow more or less erect, and are profusely covered with fine, healthy, dark green foliage, the stalks being somewhat dark colored. It is a very shy blossomer and the flowers are nearly blue. It yields heavy crops of the handsomest, most uniform and beautifully formed tubers. Skin occasionally a trifle russety (which is nature's first mark of good quality), but very smooth and of a light golden color, with few eyes, which give it a very attractive appearance; flesh a light golden color, finest grain, most nutritious, floury and richest in flavor and different and much better than all other kinds. Baked or boiled it always cooks through quickly and evenly even when first dug. Is never hollow or soggy and retains its good qualities until very late the following summer. It weighs more in proportion to size than any other sort, and should always be sold by weight. It has never been known to rot or scab, and side by side with all the leading varieties it has always resisted blight and other diseases the best. It is superior to either of its parents, and possesses more valuable new qualities than any variety heretofore introduced. It marks the limit in potato improvements for all-round qualities, and especially in fineness of its grain. The wonder of this new potato will soon be in the mouths of all, and enormous sales and a wonderful popularity are already assured. We guarantee all of the seed of the above variety we sell this year to come direct from Read. Prices, postpaid, 1 lb., 40c; 2 lbs. 70c; 5 lbs. $1.60. By freight or express, ½ peck, $1.80; 1 peck, $3.20; ½ bushel, $5.90; bushel, $10.90.

ERRATA

Since the early pages of this Catalogue were printed the following have turned out much shorter than expected, so please note the following change in prices. Cabbages, Jersey Wakefield, Charleston Wakefield and Succession, 25c oz., 2 oz. 40c; ¼ lb. 75c, lb. $2.75. Henderson's Summer, Winningstadt, All Head, Sure Head, All Seasons and Autumn King, 2 oz. 35c, ¼ lb. 60c, 1 lb. $2.00. Field Peas—Golden Vine, $1.35; Canadian Beauty, $1.60; Blue Prussian, $1.80; Potter, $1.50; White and Black Eye Marrowfats, $1.75 per bushel. Flax Seed, $4.00; Flax Seed Meal, $4.25, and Oil Cake, $2.00 per 100 lbs.

For Flower Seed Novelties, see pages 42, 43, 44 and 45.

For Field Root Specialties see page 105.

BRUCE'S SELECTED VEGETABLE SEEDS

CONDITIONS OF SALE.—John A. Bruce & Co., Limited, take every precaution to supply reliable Seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter, of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

SAFE DELIVERY OF GOODS.—Though we mail several thousand packages in a season, it is a rare thing for any not to reach their destination, but in case of non-arrival within a reasonable time, write us with full particulars of order sent and we will investigate promptly.

SEEDS BY MAIL.—All seeds forwarded by mail are sent free of charge to all Canadian points at Catalogue prices, except Beans, Corn, Mushroom Spawn, Onion Sets, Potatoes, Peas, Sugar Beet, Field Carrot, Mangel, Rape, Field Turnip, Grain, Clover, Grass, Tree, Hedge and Fruit Seeds; when such are to be mailed, postage must be added at the rate of 5 cents per pound or pint within the Dominion of Canada, and 16 cents per pound or pint to Newfoundland and the United States.

ARTICHOKE. *Artichaut*, Fr. *Artischoke*, Gr.

Sow in April or May in drills two inches deep; thin the plants to four inches, and when strong transplant in deep, rich soil, two feet apart each way; keep the earth loose about them in summer, and cover during the winter with dry litter or leavesfor protection. **Green Globe**—Pkt. 5c, oz. 50c.

Jerusalem Artichoke—Cultivate like potatoes, but plant in rows not less than three feet apart. They are enormously productive, and are valuable alike as a table vegetable as well as for feeding stock. Per bush, $2.50, peck 70c here. 1 lb. 25c, 3 lbs. 60c, per mail postpaid to all Canadian points.

Asparagus.

ASPARAGUS. *Asperge*, Fr. *Spargel*, Gr.

(One ounce will sow a row of thirty feet.)

Sow early in spring in drills one foot apart. To secure strong, healthy plants, thin out the seedlings to three or four inches in the rows. The one-year-old plants should be set out in the spring in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. Plant in rows fifteen inches apart, and twelve inches apart in the rows. Spread out the roots all round, and carefully shake the soil in amongst the rows and cover to the depth of four inches. Before winter sets in cover the beds with six inches of manure, and in the spring give a top dressing of salt. Every fall a good dressing of coarse manure should be applied, after the tops have been cut, and in spring forked in. Never cut too closely, as the roots need the benefit of some foliage during the year.

Columbian Mammoth White—This fine variety furnishes large white shoots, which stay white as long as fit for use, without earthing up or any other artificial blanching. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. $1.00.

Conover's Colossal or Early Purple Argenteuil—Large and productive, cultivated extensively for the Paris and other continental markets. Highly recommended. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 60c.

Palmetto—An early variety of large size, very productive and of fine quality. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

ASPARAGUS ROOTS. Two Year Old.

Conover's Colossal, $1.00. Palmetto, $1.10. Columbia Mammoth, $1.20 per 100.

When Asparagus Roots are to be sent by mail add postage at the rate of 30c per 100. Special price per 1,000 on application.

BORECOLE OR KALE. *Chou Vert*, Fr. *Gruner Kohl*, Gr.

Sow early in spring, cultivate same as cabbage. They supply a stock of excellent greens for spring and fall use.

Green Curled Scotch—Very hardy, and is improved by a moderate frost. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

BROCCOLI. *Chou Brocoli*, Fr. *Spargel Kohl*, Gr.

Sow end of April in the open ground, then transplant about two feet apart in deep, rich ground. They produce heads similar to Cauliflower. When they begin to flower break the large leaves over the head to protect them from the sun.

Eardly Purple Cape—One of the hardiest and sure to head. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

Walcheren—Fine snow-white heads very hardy. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

BEANS, DWARF OR BUSH

Haricot, Fr. *Bohne*, Gr.

One pint will sow a row of 50 feet. The Dwarf or Bush varieties should be planted in rows, 2½ feet apart, and 2 or 3 inches in the row. They are very sensitive to frost or cold, and should not be planted before the second week in May. Hoe often, and keep the ground mellow and draw the earth up to the plants. Plant the pole or running varieties in hills 3 feet apart, and in the hills place poles from 6 to 8 feet high

DWARF YELLOW PODDED SORTS.

Valentine Wax—Extra early. The pods are round, stringless, and of the finest quality. It is remarkably free from rust and remains a long time before becoming tough. Pt. 20c, qt. 35c, peck $2.25.

Black Wax or Butter—Pods transparent waxy yellow, thick, tender. Pt. 20c, qt. 35c, pk. $2.25.

Wardwell's Kidney Wax—Extra early, pods long and flat, free from rust. Pt. 20c, qt. 35c, pk. $2 25.

Golden Wax—The standard variety for general use; pods long, broad and flat, very fleshy and of finest quality. Early and productive. Pt. 20c, qt. 35c, peck $2.25.

Detroit Wax—Hardy and productive. Pt. 20c, qt. 35c, peck $2.25.

Refugee Wax—Pods round, clear and transparent, and of handsome appearance. Is tender, very productive, free from rust, and stands dry weather remarkably well. Pt. 20c, qt 35c, peck $2.25.

Flageolet Golden Wax—Produces larger and longer pods than any other of the yellow podded sorts. Very productive, and for market purposes cannot be excelled. Pt. 20c, qt. 35c, peck $2.25.

Wardwell's Kidney Wax Beans.

Giant Yosemite Wax—Very large yellow pods, of finest quality. Pt. 35c, qt. 60c, peck $3.75.

Davis White Wax—Very productive, fine appearance, also goodshell bean. Pt. 20c, qt. 35c, pk. $2 25.

Flageolet Golden Wax Beans.

DWARF GREEN PODDED VARIETIES.

Stringless—It combines hardiness, earliness, and productiveness, with pods of finest quality, which are long, round and meaty, tender, brittle, and of fine flavor, and absolutely stringless, even when fully matured. Pt. 20c, qt. 35c, peck $2.25.

Valentine—Early, productive, tender, succulent, and of excellent flavor. Pt. 15c, qt. 25c, peck $1.50.

China—Very early, of fine quality Pt. 15c, qt. 25c, peck $1.50.

Yellow Six Weeks—Early and prolific, good for general crop. Pt. 15c, qt. 25c, peck $1.50.

Mohawk—One of the hardiest and most productive. Pt. 15c, qt. 25c, peck $1.50.

Refugee or One Thousand to One—Great bearer, late; best for pickling. Pt. 15c, qt. 25c, pk. $1.50

Large White Kidney—Excellent as a shell bean. Pt. 15c, qt. 25c peck $1.50.

DWARF OR BUSH LIMA BEANS.

Burpees Bush Lima—A heavy yielder, each bush bearing from fifty to two hundred pods, filled with beans identical in size and in luscious flavor to the large pole Limas. Pt. 25c, qt. 40c.

Henderson's Bush Lima—Early, hardy and productive. Pt. 20c, qt 35c.

ENGLISH BROAD BEANS

These are very hardy, and should be planted as soon as the ground is open; when in full bloom and the flower pod set, pinch off the tops. This ensures the filling of the pods and hastens maturity. A strong, heavy soil suits them best.

Taylor's Broad Windsor—The largest and best of the class for general use. Pt. 20c, qt. 35c.

POLE OR RUNNING BEANS

One pint will plant about seventy-five hills.

Siebert's Early Lima—The best variety for northern planting. an enormous yielder; pods medium long, well filled, with large, tender, fine flavored beans. Pint, 25c, quart, 40c.

Large Lima—The favorite pole bean; plant when the ground is dry and warm. Pt. 20c, qt. 35c.

Scarlet Runners—Very prolific, mostly grown as an ornamental plant. Pt. 20c. qt. 35c.

Asparagus, or Yard Long—Pods tender and sweet. Pkt. 10c, pint, 50c.

Stringless Green Pod Beans.

Large packets of any variety of any variety of Beans, 10c; small pkts. 5c ea. When Beans are to be sent by mail add postage at the rate of 5c per pint within the Dominion of Canada, and 16c per pint to Newfoundland and the United States. For Field Varieties see Agricultural Seeds.

BEETS

Betterave, Fr. Rothe Rube, Gr.

One ounce will sow a row of 40 feet; 5 lbs. for a acre

Beets require a deep mellow soil; may be sown from the early spring to the commencement of summer. The winter crop, to be tender, should not be sown too early. Sow in drills 18 inches apart, and thin out the plants gradually to six inches. Keep the soil well stirred.

Fireball—New—This splendid variety, of English origin, is perfectly globe shaped, the skin is smooth, the flesh solid, with a very sweet flavor and of a bright intense red color. Very small dark colored leaves and a slim tap root make it valuable for early sowing in frames. It is also very desirable in the open ground, where it retains its fresh table quality better than most beets. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Black-Leaved Blood Red—Very handsome, round shape, fine grained blood-red flesh, tender and early; the leaves are a beautiful blood red color, almost black Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb 30c, lb. 90c.

Crimson Globe—The flesh is fine grained, sweet and tender, of a dark crimson color. Leaves are small, with slender leaf stalks, and as dark in color as Egyptian. Comes in same time as Eclipse. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb 30c, lb. 90c.

Egyptian Dark Red Turnip—A standard extra early variety, very deep red, tender and fine flavor. Best for early market. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. 90c.

Crosby's Egyptian—A selection from the Egyptian, which, while it retains it earliness, has added thickness, giving it a more desirable shape; it is of fine quality, sweet and tender. Pkt. 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Eclipse—Extra early, turnip shaped variety, remarkable for rapid growth. Roots grow smooth, round shape, intense red skin, flesh very fine grained and sweet. Pkt. 5c, oz. 10c, 2 oz 20c, ¼ lb. 30c, lb. 90c.

Edmand's Early—Very uniform, with small tops of bronze red. Is round, smooth, and good marketable size, fine quality, exceedingly sweet and tender. Skin and flesh dark blood red. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Detroit Dark Red Turnip—Small, upright tops, smooth roots, tender and sweet, grand canning variety. Pkt. 5c, oz 10c, 2 oz 20c, ¼lb 30c, lb 90c.

Dewing's Improved Blood Turnip—Roots deep blood red, and of fine form and flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb 25c, lb. 75c.

Crimson Globe Beet.

Brussels Sprouts.

Early Blood Turnip — Very tender and good for early and late use. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

LONG VARIETIES FOR WINTER USE.

Bruce's Long Dark Blood—Roots very symmetrical and always smooth and handsome. Flesh is dark red, very sweet, crisp and tender, never becoming woody even in portions above the ground. Retains its good quality longer than other sorts. Pkt 5c, oz. 10c, 2 oz. 20c, ¼ lb. 30c, lb. 90c.

Long Smooth Blood Red—An excellent late variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Swiss Chard or Silver Beet—Grown exclusively for its leaves, which are prepared for the table in the same manner as Spinach, while the large silvery midrib is used by many as a substitute for Asparagus and Sea Kale. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

BRUSSELS SPROUTS. *Chou de Bruxelles, Fr. Sprossen Kohl, Gr.*

Sow seed in May; transplant and cultivate same as Cabbage. They grow from two to three feet high, and produce little heads from the axles of each leaf They are very tender when touched by frost.

Improved Dwarf—Extra fine. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.

New Danish Prize—The best of all. Pkt. 10c, oz. 50c.

CABBAGE. *Chou*, Fr. *Kohl*, Gr.

One ounce will sow a bed of four feet by ten and furnish about 2,000 plants.

Sow the early varieties in hot-beds or frames, from February to April for early crops, and in the open ground as soon as the soil is in working order. For Fall and Winter Cabbage sow the seeds in beds in the open ground at the end of April, or early in May, and transplant into well manured ground. Early varieties should be planted in rows two feet apart and fifteen inches in the rows; late varieties, two and a half feet each way. The ground must be well worked to produce good heads. Hoe often and draw the earth around the plant.

Express—Extra early, excels in earliness all others. It has the shape of Early Etampes, but is smaller and earlier; has but few outside leaves, and therefore may be planted very close and yield large crops. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Early Spring—A round flat-headed cabbage as early as Wakefield, and more productive. Very uniform in shape. It has very few small outer leaves, thus allowing its being planted as close as any variety known. of the finest quality. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00

Extra Early Cabbage, "Eureka."

Selected Jersey Wakefield Cabbage.

Extra Early Eureka — New — It excels all other early cabbage in solidity of head, being as hard and solid as the Danish Ballhead; suited also for a second early or summer crop where a medium sized head will answer. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 70c, lb. $2.50.

Early Etampes—A fine extra early ox-heart shape of excellent quality. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Selected Early Jersey Wakefield—To those who may not be familiar with this well-known variety we would say it is justly considered by market gardeners to be one of the best and most reliable early cabbages in cultivation. The seed we offer is unequalled in quality. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Charleston Wakefield—This variety is much larger than the preceding, but not quite so early. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c lb. $1.75.

Henderson's Early Summer—About ten days later than the Early Wakefield, but fully double the size; one of the best large, early cabbage. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Early Winningstadt—A standard variety for general use; heads large and remarkably solid; keeps well in hot or cold weather. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb .50c, lb. $1.60.

All Head—The largest heading of the second early sorts, very productive and of fine quality; the deep flat heads are remarkably solid and very uniform in size. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Surehead—A large and sure heading main crop cabbage; splendid keeper and shipper. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

All Seasons (Vandergaw) — An early drumhead variety, somewhat later than Early Summer, but much larger. Planted late, the heads, which are hard and solid, keep well. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Henderson's Summer Cabbage.

Autumn King, or World Beater—Heads very large, broad, thick, and solid; stalks short, foliage dark green, with slight reddish tinge; splendid keeper. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Cabbage, Glory of Holland

CABBAGE—Continued.

Glory of Holland—A new medium early variety, with large ball-shaped thin ribbed hard heads. The plants are pale green, with few outer leaves, which admits of close planting. A particularly attractive variety for market purposes and a good seller. Pkt. 5c, oz. 30c, 2 oz. 50c, ¼ lb. 80c, lb. $2.75.

Danish Ball Head (or Hollander)— The heads are round, of good marketable size, hard and heavy, fine grained and long keepers. It will stand well through a dry season when other sorts fail; matures late. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

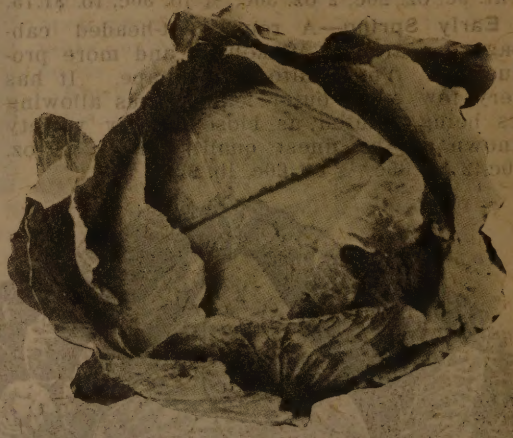
Fottler,s Improved Short Stemmed Brunswick—This for a fall or winter cabbage is without a rival. Heads are large and solid, often weighing from 20 to 30 lbs. Is a sure header, splendid keeper, and of excellent quality. Most profitable variety to grow. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.

Danish Drumhead—This is an earlier and shorter stemmed type of the popular Danish Ballhead. It is equal to that variety both in quality and long keeping properties, while the heads average larger and heavier and mature 2 weeks earlier. A paying cabbage to grow for late fall and winter market. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Premium Flat Dutch—A popular variety, tender and of superior quality. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.

Marble Head Mammoth Drumhead—Heads have been exhibited which weighed from forty to sixty pounds each. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb, $1.75.

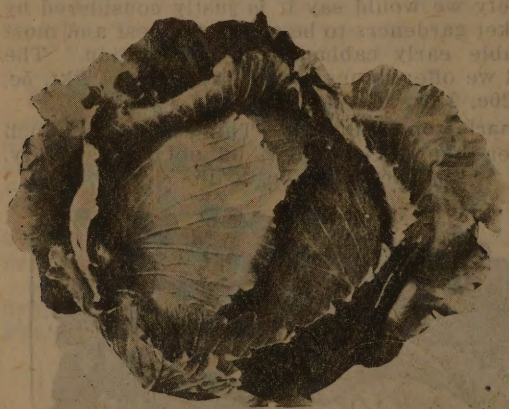
Bruce's Winter— This is a distinct extra large and hardy variety; it produces enormous solid heads, attaining 20 inches in diameter and weighing 20 to 30 lbs. It is very short stemmed, the heads resting almost on the ground; is very productive and a good keeper. Pkt. 5c oz. 25c, 2 oz. 40c, ¼ lb. 70c lb. $2.50.



Cabbage, Danish Drumhead

Succession—Equally good as a medium early, main crop, or for late use; heads solid and uniform, averaging 10 pounds. Pkt. 5c, oz. 20c, 2 oz. 30c ¼ lb. 50c, lb. $1.75.

Filderkraut—Conical shaped heads, with very few side leaves. This variety is largely used in Germany in the manufacture of "Kraut." Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.



Cabbage Succession

SAVOY CABBAGE.

Large German Drumhead—Our stock of this favorite winter variety is unsurpassed for purity, and never fails to produce large, solid heads. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.

Green Globe Savoy—Heads small but tender, of fine quality. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.

Cabbage, Savoy Drumhead

RED CABBAGE.

Red Delicacy—See Novelties. Pkt. 10c, oz. 35c, 2 oz. 60c, ¼ lb. $1.00.

Large Red Drumhead—Produces very large solid heads of fine deep purple color. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Red Dutch—A favorite sort for pickling; heads not so large as preceding. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c lb. $1.75.

Mammoth Red Rock—This is the largest red variety, heads averaging over 10 lbs. each, solid as a rock and of a deep red color both inside and out. Pkt. 5c ,oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2. 00.

Plants—All leading varieties 25c per hundred here. Special prices for large quantities.

Chantenay Carrot.

CARROT. *Carotte*, Fr. *Mohre*, Gr.

One ounce will sow a row of 100 feet; 3 to 4 pounds for one acre.

The Carrot is an important root for the farm or garden. It succeeds best in a light, sandy loam, richly manured and deeply dug. For early crops sow in rows 18 inches apart, and thin out to 6 inches in the row. Hoe often between rows and keep clear of weeds.

Extra Early Scarlet Forcing—This is the earliest and best variety for forcing. The root is small, nearly round, and of excellent quality. Pkt 5c, oz 10c, 2 oz 20c, ¼ lb. 30c, lb 90c.

Early Scarlet French Horn—Stump rooted color deep scarlet, and fine flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 80c.

Early Guerande or Ox Heart—Stump rooted, intermediate as to length, between the French Horn and S. Nantes, but much thicker, attaining at the neck from3 to 4 inches in diameter. Highly recommended. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 80c.

Chantenay Half-Long—This is the best early and most uniform Carrot in existence. The roots grow about six inches long, are stump rooted, and very smooth, as shown in our photograph, deep red and fine grained. More largely grown for market than any other variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 80c.

Danver's Half-Long—A handsome stump-rooted Carrot, of rich, dark orange color. It grows to a large size, is smooth, and the flesh very close in texture, with little core. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Early Half-Long Nantes—Large stump-rooted variety, superior for table use Pkt 5c, oz 10c, 2 oz 15c, ¼lb 25c, lb 75c.

St. Valery—A fine selection of intermediate type, but earlier; superior in quality and shape; beautifully formed roots with very small core. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 80c.

English Horn or French Intermediate—A half-long pointed variety, medium early, and heavy cropper. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 65c.

Long Orange—Good for general crop, field or garden. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 65c.

Long Scarlet Altringham—An excellent variety for field or garden. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 65c.

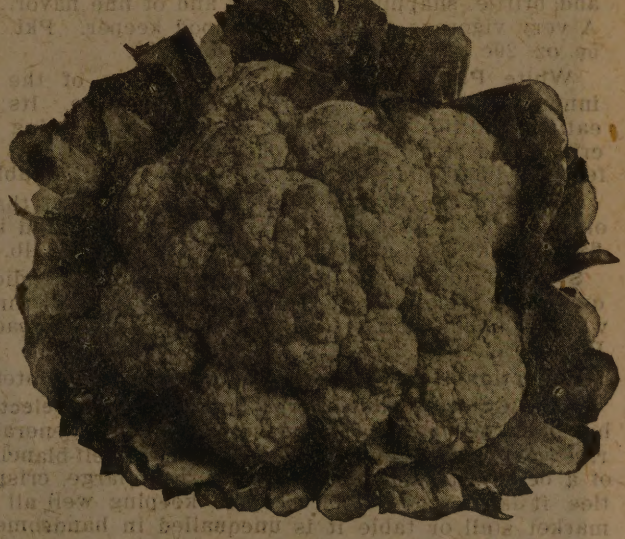
For Field Varieties see Agricultural Seeds.

CAULIFLOWER. *Chou-Fleur*, Fr. *Blumen Kohl*, Gr.

One ounce will furnish about 1,000 plants.

Considerable care is necessary to keep a supply of Cauliflowers from July to the end of the year. For early crops sow the seed in a gentle hot-bed about the middle of March, and for late crops sow in the open ground in May or June, and transplant like winter cabbage in rows two and a half feet apart and two feet between each plant. A deep rich loam is the best to produce satisfactory crops of this favorite vegetable. In dry weather water frequently with liquid manure, and as they advance in growth hoe deep and draw the earth to the stems; as they begin to head, water frequently and keep the soil open by deep hoeing, and break the large leaves over the flower to protect it from the sun and rain. On the approach of frost the plants which have not been headed may be planted out in a cellar where they can be aired in mild weather, when they will form fine heads.

Bruce's Selected Early Dwarf Erfurt—It is now 31 years since we first introduced this famous strain of Erfurt Cauliflower, and year after year it has become more popular, until leading market gardeners in every section of the Dominion now grow it entirely, as they found our strain of Erfurt to be the surest heading and altogether the most profitable sort for market purposes. On account of its dwarf and compact habit the plants may be set 20 to 22 inches each way, so that from 12 to 14 thousand can be placed on an acre. For pickling it is the standard variety; in the compact and solid texture of the snow-white heads, combined with its delicious flavor, it surpasses all other sorts. We obtain our supply of seeds direct from our growers with whom we have a standing contract to deliver a stated quantity for each season, and knowing the scrupulus care exercised in the selection of only the purest and finest heads for seed purposes, have no hesitation in stating for purity it is not surpassed by any other variety, no matter under what name it may be offered. ½pkt. 15c. pkt. 25c, ½ oz. 90c, ½ oz. $1.60, 1 oz. $3.00, 2 oz. $5.50, ¼ lb. $10 00.



Bruce's Selected Erfurt Cauliflower.

Bruce's Selected Extra Early Snowball Cauliflower.

CAULIFLOWER—Continued.

Extra Early Snowball—Bruce's Selected—A well known extra early variety, about ten days earlier than our Select Erfurt. It is also one of the best for late summer and fall crop, heads pure white, large, solid and of extra quality; a sure header. Half pkt. 15c, pkt. 25c, ¼ oz. 90c, ½ oz. $1.60. oz. $3.00. 2 oz. $5.50, ¼ lb. $10.00.

Erfurt—Ordinary stock—Pkt. 10c, ½ oz. $1.00, oz. $1.50, 2 oz. $2.75, ¼ lb. $5.00.

Large Walcheren—A very large variety; sure header. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

Extra Early Paris—Heads medium size. Pkt. 5c, oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Bruce's Autumn King—This a vigorous growing variety, with large white firm heads. Pkt. 5c, oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Le Normand's Short Stemmed—A variety producing large, white compact heads. Pkt. 5c, oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Autumn Giant—Heads pearly white, large, firm and compact. Pkt. 5c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50.

Plants, Erfurt and Snowball, $1.00 per 100 here. Special prices for large quantities.

CELERY.

Celeri, Fr. *Sellerie*, Gr.

One ounce will furnish about 2,500 plants.

For early crops sow the seeds in hot-beds during March, and when three inches high transplant into a well-prepared bed and protect with boards or mats in frosty weather. For late crops sow in April. When up to the above size transplant into a bed, 3 inches apart, and when about six inches high plant six inches apart into trenches for blanching; dig the trenches four feet apart and fifteen inches wide and ten inches deep; fill in four or five inches of well rotted manure, and mix it thoroughly half a spade deep with earth at the bottom. The tops and roots of the plants should be shortened and the suckers pinched off before they are planted; give a good watering after planting; to blanch, earth up two or three times during their growth, holding the leaves close with the hand while the earth is drawn up, taking care that none of it falls into the centre of the plant. Celery, like Asparagus, is wonderfully improved by superior culture.

Giant White Pascal—This is the largest celery grown as regards width and thickness of stalks. When fully grown the outer stalks average two inches wide, are unusually thick, and always crisp and brittle. snapping like glass, and of fine flavor. A very vigorous grower and a good keeper. Pkt. 5c, oz. 20c. 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

White Plume—The stalk and portions of the inner leaves and heart are naturally white. Its eating qualities are equal to the very best, being crisp, solid and of pleasing flavor. while the white feathery-like foliage is very handsome on the table. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Bruce's Paris Golden Large Solid Celery.

New Chicago Giant—It is earlier and larger than White Plume, and of better quality than any other white. Its foliage is green and white, and its stalks are tender, brittle, sweet, an of a nutty flavor. Pkt. 10c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Syer's Triumph—Of local origin. This splendid half dwarf variety is remarkable for its keeping qualities, remaining in splendid condition all through the winter and into the spring. The stalks, which blanch readily to a pearly white, are broad and solid, very crisp, and of the finest flavor. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Perfection Heartwell—One of the best for winter use. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Paris Golden Yellow Large Solid—Bruce's Selected—This fine variety, introduced by us in 1882, has now become the standard variety for general use. The stalks grow vigorously, with large ribs very thickly and closely set. It is self-blanching to a very remarkable degree. The heart is of a beautiful golden yellow color, very large, crisp and solid. Unlike other self-blanching varieties. it is an extra good keeper—keeping well all winter—and of the finest sweet flavor. On the market stall or table it is unequalled in handsome and striking appearance. Our strain is the best to be procured. Pkt. 10c, ½ oz. 40c, oz. 5c, 2 oz. $1.25, ¼ lb. $2.00, lb. $7.00.

Bruce's Paris Rose Ribbed Celery.

CELERY—Continued.

Perle le Grand—It has a beautiful full golden heart and rich nutty flavor, and is extremely showy and saleable. It is not only a good early celery, but also valuable as a winter keeper. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Winter Queen—A valuable variety for winter and spring use. The plant is of a stocky and robust habit, and when blanched is a beautiful cream white. Ribs perfectly solid, crisp, and of delicious nutty flavor. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.75.

Paris Rose Ribbed—This handsome variety is practically identical with the Paris Golden Yellow, except that the naturally golden colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color when blanched. The plant is dwarf and heavy; the stalks broad, solid and brittle, while possessing the crispness, rich and nutty flavor for which red celeries are noted. Pkt. 10c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Mr. Gardner, Burlington, on the 1st of September, had for sale on our local market well trimmed heads of Paris Rose Ribbed that weighed 3½ lbs. each, one bunch of 12 being exactly 34¾ lbs. This shows the excellence of this strain of ours, both as to earliness and size.

Pink Plume—This is practically identical with the well known White Plume, but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness and rich nutty flavor for which red celeries are noted. Pkt 5c, oz 25c, 2 oz 40c, ¼ lb 75c, lb $2.75.

Bruce's Hamilton Red—This is the best of the red celeries, its distinctive features being its size, superior flavor and long keeping qualities. It grows about two feet high, stalks unusually broad, thick and crisp. Pkt. 10c, oz. 50c, 2 oz. 90c, ¼ lb. $1.50, lb. $5.00.

Turnip Rooted or Celeriac—Has edible roots which are used for soups, etc. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Celery Seed—For flavoring soups, etc. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

Celery Plants—All the leading varieties, 75c per 100 here. Special prices for large quantities.

CHIVES

Grown for their tops, which are used wherever the flavor of onion is required. Perfectly hardy, and should be in every garden. **Chives Seed**—Pkt. 20c, oz. 75c, ¼ lb. $2.50.

CHICORY. *Chicoree Sauvage*, Fr. *Chicorie*, Gr.

It may be sown and treated in the same manner as Carrots. Used to mix with or as a substitute for coffee.

Large Rooted or Coffee—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

CURLED CHERVIL. *Cerfeuil*, Fr. *Kerbel*, Gr.

Cultivate and use like Parsley, sow at any time in the spring in shallow drills one foot apart. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

CORN SALAD.

Mache, Fr. *Ackersalat*, Gr.

Sow the seed early in September, thickly, in shallow drills 6 inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 90c.

CORN

SWEET OR SUGAR

When Corn is sent by mail add postage at the rate of 5c per pint within the Dominion of Canada, and 16c per pint to Newfoundland and the United States.

One pint will plant about 100 hills. One peck (about 12 pounds) for an acre. Plant in hills three feet apart each way, and three or four grains in a hill. Hoe often and draw the soil to the stems; plant about the middle of May, and for a succession every two weeks until July. We supply ¾ lb. for a pint, 1½ lbs. for a quart, and 12 lbs. a peck.

Golden Justice—For description of this new early Yellow Sweet Corn see Novelties.

Early Premo Sweet Corn

CORN, SWEET—Continued

New Evergreen White Sugar—A splendid pure paper white canning variety, holding its color after being canned. Pkt. 5c, pint 15c, quart, 30c, peck, $2.25.

Golden Bantam—New—An early hardy productive variety, of fine quality and delicious flavor. It is a rich cream yellow, deepening to orange-yellow when ripe. Pkt. 5c, pint 25c, quart 40c, peck $3.00.

New Peep O' Day—Of extraordinary earliness and unparalled sweetness. The stalks bear from two to three ears and the growth, being dwarf—about 4 feet—admits of very close planting. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Premo—Extra early, very superior in size, yield and quality. The stalks are about five feet high and are very vigorous, bearing two well-developed ears to a stalk. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

The Cory—A standard first crop variety with gardeners and market growers. The ears are of good size and qualityPkt. 5c, pint 15c, quart 30c, peck $2.00.

Early White Cory—A selection from Cory, of the same character in all respects, but superior in that it has a white cob and kernel. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Early Minnesota—A well known early variety of finest quality. Pkt. 5c, pint 15c, quart 25c, peck $1.90.

New Early Evergreen—Has the good qualities of Stowell's Evergreen, and is considerably earlier. Pkt. 5c, pint 15c, quart 30c, peck $2.25.

Crosby's Early—Rich sugary flavor, very productive. Pkt. 5c, pint 15c, quart 25c, peck $1.90.

Perry's Hybrid—An early variety, nearly as early as Minnesota, and ears much larger, each containing from 12 to 14 rows of kernels. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Kendel's Early Giant—A second early variety, ears averaging 8 to 10 inches in length, with ten or more rows of large grains of rich sugary flavor. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Improved Hickox—A second early, ears nearly as large as Mammoth, more productive, and is largely grown for canning. Pkt. 5c, pint, 15c, quart 30c, peck $2.00.

Country Gentleman—An exceptionally productive variety, bearing three to five ears on the stalk, and of the finest quality. The cob is very small, giving great depth to the kernels, which are of pearly whiteness, sweet and tender. Matures a little before Stowell's Evergreen. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Selected Stowell's Evergreen—The standard variety, remaining green longer than any other kind. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Mammoth—A late variety and the largest of all, productive and fine flavored. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Black Mexican—A medium early, highly esteemed by many on account of its remarkable sweetness. Ears large, well filled with eight rows of large grains, which are a deep bluish-purple. Pkt. 5c, pint 15c, quart 30c, peck $2.00.

Parching or Pop—Several varieties, red, black, white, etc. Per lb. 10c, 10 lbs. 90c, shelled.

CUCUMBER. *Concombre*, Fr. *Gurke*, Gr.

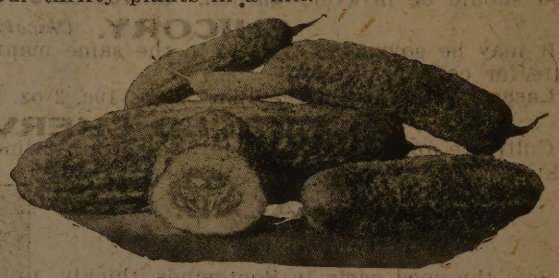
One ounce will plant fifty hills. Two or three pounds for one acre.

Open Air Culture—For general crops plant from the middle of May to the middle of June, in hills five feet apart each way, elevating the hills a little above the level of the ground. Put eight or ten seeds in each drill and cover them half an inch deep with fine soil, and press the earth a little over the seeds with the back of the hoe; keep the ground loose and clear of weeds, and in dry weather water occasionally. After they have obtained a vigorous growth, and the danger from insects is over, they should be thinned out, leaving four thrifty plants in a hill.

New Davis Perfect—This new cucumber in size and shape resembles a hot-house variety. The fruits are long and slim, and of a rich, dark, glossy green color, exceedingly tender and of the finest flavor. Very Productive. Pkt. 5c, oz. 20c, 2 oz. 30c. ¼ lb. 50c, lb. $1.75.

Emerald—Its fruit sets early, and its vigorous vines abound in long, straight handsome fruits, the flesh being peculiarly crisp and tender, and the flavor delicate. Highly recommended as a slicer. It is equally good for pickles. For long distance shipping it will prove a boon on account of holding its deep green so much longer than most other sorts. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.45.

Ideal Pickling Cucumber.



Cumberland Cucumber.

Cumberland—Of the hardy white spine type, it is a rapid and vigorous grower and very prolific in fruit. During the whole period of growth from the time they first set until fully grown the form is exceptionally straight and symmetrical, thus being as fine a slicing a variety as a pickling one. The flesh is firm, crisp and tender at all stages. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Early Cluster—A very popular early Cucumber, producing its fruit in clusters. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

New Ideal Pickling—Of the short green type; picklers dark green in color; solid, crisp and brittle and of fine flavor, uniformly symmetrical in shape; immensely productive; vines shorter in habit of growth than other varieties; rows can be planted half the usual distance apart, increasing the yield per acre. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 45c, lb. $1.50.

CUCUMBER—Continued.

Chicago Pickling.

Improved Chicago Pickling—A very prolific variety, combining all the qualities desired by those who raise cucumbers for commercial pickles. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Boston Pickling or Green Prolific—A popular variety, dark green, uniform small size. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Paris Pickling—Fruits slim and slender, 3 to 5 inches in length, crisp and brittle, snap freely, and when ready for pickling show no signs of seeds. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Improved Long Green—Skin dark green, changing to yellow as the fruit approaches maturity; flesh white, somewhat seedy, but crisp, tender and fine flavored. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Goliath Long Green—A very long, handsome dark green, uniform, smooth variety, fruit 20 to 25 inches long, a shy seeder, thus an excellent sort for pickling and slicing. Highly recommended. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Early White Spine—The leading variety for early market; uniform in size, averaging 6 to 7 inches in length; straight, and of a rich dark green color, flesh white, crisp, solid and of fine flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Arlington, or Improved Early White Spine—A very fine large fruited early strain, largely used for forcing by market gardeners; it is equally desirable as a garden or market variety, planted in the open ground. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Everbearing—Very early, small size and enormously productive and valuable as a green pickler. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Giant Pera—The green cucumbers are fit to eat at any stage of growth, the flesh is very clear, crisp and brittle, and of fine flavor; fruit from 12 to 15 inches in length. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Japanese Climbing—Fruit of medium size, well formed, and of dark green color; flesh very thick and of exquisite flavor. It can be grown as an ordinary ridge cucumber, or as a climber. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

West India Gherkins or Burr—Used only for pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

English Gherkins—For pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.75.

Stockwood Ridge—A black spined variety, 12 to 18 inches long. Pkt. 5c, oz. 50c.

FRAME OR GREENHOUSE VARIETIES.

Under Glass Culture—Sow from middle of January, in soil that is slightly moist, and give little or no water until the seeds have germinated; when grown to three leaves plant out in previously prepared loose rich soil. In forcing the night temperature should not be allowed to sink below 60 degrees, and the day heat should range from 70 to 80 degrees. Admit air in all mild weather.

Lockie's Perfection—A beautiful green, of medium length, and of unsurpassed flavor; a wonderful cropper. Pkt. 25c.

Telegraph—(Rollinson's)—Dark green in color; quick in growth, handsome and unusually prolific. One of the most reliable sorts. Pkt. 25c.

Tender and True—Free bearing; flavor excellent; fine for market. Pkt. 25c.

CRESS OR PEPPER GRASS. *Cresson*, Fr. *Kr sse*, Gr.

The curled and broad leaved varieties sow thickly in shallow drills every two weeks throughout the season; give occasional waterings in dry weather. The Water Cress is an aquatic plant, with small oval leaves and prostrate habit. Sow the seed in a well prepared bed, and when rooted transplant to the banks of a running stream.

Extra Curled—The best for salads. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

True Water—Pkt. 10c, oz. 50c, 2 oz. 85c, ¼ lb. $1.50.

ENDIVE. *Chicoree*, Fr. *Endivie*, Gr.

Sow middle of July, in drills or beds; when up, thin out to stand 12 inches apart; when the leaves are six to eight inches long, blanch them by gathering the leaves in the hand and tying them together near the top with matting. It is highly esteemed as a salad.

Green Curled—Very heavy; leaves dark green, tender and crisp. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.75.

White Curled—Leaves pale green; a good variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.75.

EGG PLANT. *Aubergine*, Fr. *Eirpflanze*, Gr.

Sow the seed thickly in a hot-bed in March, and plant out at the end of May in a rich warm piece of ground in rows two feet apart and one foot in the rows. They bear fruit when about 15 in. high.

Burpee's Black Beauty—From 10 to 12 days earlier than New York Improved Purple. The fruits are broad and thick, of most attractive form, as shown in the illustration. The skin is a rich lustrous purplish black. The fruits set freely, and are ready to market early, so that the entire crop can be gathered before there is danger of frost. Pkt. 10c, oz. 60c, 2 oz. $1.10, ¼ lb. $1.75.

New York Improved Round Purple—The leading variety; very large and productive. Pkt. 10c, oz. 60c, 2 oz. $1.00, ¼ lb. $1.50, lb. $5.00.

Long Purple—Very hardy; early and productive. Pkt. 5c, oz. 40c, 2 oz. 60c, ¼ lb. $1.00, lb. $3.00.

GARLIC. *Ail*, Fr. *Lauch*, Gr.

Plant in rows 6 inches apart and about 2 inches deep; leave a foot between the rows; when the leaves turn yellow take up the crop. It is used extensively for seasoning pickles, etc.

Large Canadian Sets—¼ lb. 15c, lb. 35c, paid to Canadian points.

KOHL-RABI, TURNIP-ROOTED CABBAGE. *Chou Rave*, Fr. *Kohl-Rabi*, Gr.

Sow in spring in rows 18 inches apart, afterwards thinning to 8 inches; cooked same as cabbage.

Early Purple Vienna—Very popular sort. Pkt 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Early White Vienna—Handsome, delicate flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Leek.

LEEK. *Poireau*, Fr. *Porro*, Gr.

Sow early in spring in drills or beds; when the plants are eight or ten inches high, transplant them in rows six inches apart and twelve inches between the rows. Plant at least six inches deep to have them well blanched. By many they are preferred to onions for soups, etc.

Extra Large Carentan—Very hardy, extraordinary size. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

LETTUCE. *Laitue*, Fr. *Lattich*, Gr.

One ounce will sow a row of 100 feet.

For early use, sow in hot-beds in February, and for general use as early in the spring as the ground can be worked, in a well-prepared bed or drills; thin or transplant to one foot apart for heading. A sowing should be made at intervals throughout the season for succession.

New Unrivalled, or Improved Big Boston—This is a most desirable variety, whether grown in the open ground for summer and fall use, or in frames for spring and early summer. The heads are large and solid, color yellowish, leaves tender, crisp and sweet. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

New Early May King—A very early and extra fine heading cabbage lettuce for early spring planting in the open ground. The plants grow quickly to a diameter of 6 to 7 inches, with the outer leaves very closely folded about the round solid head. The outer leaves are light green, slightly tinged with brown, the inner leaves being bright golden yellow, with a rich buttery flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Grand Rapids—This variety is best adapted for forcing. Leaves medium size, or light yellowish-green color, much crimped and frilled, forms a fair sized but loose head, crisp, and of good quality. Owing to its upright habit it may be planted very closely. A good shipper. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Bruce's Nonpareil Cabbage—This well-known variety has proved itself during the past 40 years to be one of the best Lettuces for outdoor cultivation, and for forcing in the greenhouse it has no equal; in color it is a beautiful yellowish-green, the heads being large, solid, and of finest quality. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Bruce's Nonpareil Lettuce.

The Gardener's Favorite—Hamilton Market—A standard variety for forcing or outdoor cultivation; crisp, sweet and tender. Color yellowish-green, heads large and solid. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Hanson—A well known variety; heads large. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Early Curled Simpson (Silesia)—Very early and good for forcing. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Black Seeded Simpson—A good forcing variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Prizehead—An early variety with large loose heads, which are green in color, tinged with brown. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Boston Market or Tennis Ball—One of the earliest, heads small, solid, crisp, and fine flavored. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Brown Dutch—Very hardy, splendid for winter use. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Paris White Cos—Finest form of lettuce of the Cos type. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.50.

Detroit Market Gardeners' Forcing—Seed white. A variety quite similar to the Grand Rapids in general character, but it will stand higher temperature and so can be crowded to maturity a little quicker. The leaves are not quite so tender and brittle as those of the Grand Rapids. Pkt. 5c oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.50.

Early Hackensack Musk Melon.

MUSK MELON. *Melon*, Fr. *Melone*, Gr.

One ounce will plant about 60 hills; 3 lbs. to the acre.

Culture—Plant middle of May, in hills six feet apart each way, eight to ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good melons the hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity of best decomposed manure, and mix well with soil, filling a little above the level. Seeds should not be put into the hills until the weather becomes settled and warm.

Sundae Canteloupe—New—For description see Novelties.

The Grand—New—For description see Novelties.

Early Hackensack—A standard variety, of good size, flesh green, very sweet and sugary. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 50c, lb. $2.00.

Rockyford Musk Melon.

MUSK MELON—Continued.

Paul Rose—The flesh is salmon in color, extra deep, and of the most delicious flavor. They are wonderfully uniform in size and appearance, the average weight being 1½ lbs. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.

Emerald Gem—Small, early, productive, sweet salmon flesh; smooth skin. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Defender—A salmon fleshed variety, medium size, and of exquisite flavor. The fruits are oval in shape, slightly ribbed, and are covered with a slight netting. The flesh is firm, fine grained, rich, deep yellow, darker than the Osage and better flavor. The flesh is thick and retains its quality to the outer shell, which, while thin, is hard and firm, so that the edible portion may be removed with a spoon, leaving a rind no thicker than an orange. The vine is vigorous and productive, and the fruits, because of their hard, firm rind, are remarkably good keepers. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Rocky Ford—This extra early variety is now extensively planted by the growers in the vicinity of Hamilton, a section noted for its fine Musk Melons. Oval in shape and beautifully netted. The melons average about 5 inches in length and are of most delicious flavor. Flesh is smooth grained and light green color. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Unsworth"s Perfect—See photograph Novelties. This fine variety is of local origin, and in this vicinity, where melons are grown on an extensive scale for shipment to other markets, it is the favorite of the planter as well as the consumer. It is a finely netted green flesh melon of the Hackensack type, early, productive, of exquisite flavor and handsome appearance. It is very important to those who grow melons for sale to get their fruit early on the market, and the system usually adopted by growers in this locality is to sow the seeds in hot beds about the 15th of May and plant them in the open ground the beginning of June, and as the seeds are placed in sod the roots are not disturbed when transplanting. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Long Island Beauty—Early, of good size, flattish in shape, well netted, and with sweet green thick flesh of delicious flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Montreal Improved Green Nutmeg—This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting, and exquisite flavor. Pkt 5c, oz 20c, 2 oz 35c, ¼lb 60c, lb $2.

The Princess—Fruit nearly round, with heavily netted dark green skin; the flesh is of a rich salmon color, and the flavor is sweet beyond description. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Osage or Miller's Cream—Flesh is rich salmon color, very thick, sweet, rich and delicious. It has a thin rind, finely netted, a vigorous grower and very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

WATER MELON. *Melone d'eau*, Fr. *Wasser Melone*, Gr.

One ounce for every 30 hills; 4 to 5 lbs. per acre.

The Water Melon is purely a tropical plant, greatly appreciated for its refreshing coolness and delicious flavor. Cultivate same as Musk varieties, only that the hills should be 8 ft. apart each way.

Peerless—An extra early variety of medium size, thin rind, light mottled green; flesh bright scarlet. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Cole's Early—Early, hardy, and a sure cropper, of medium size, nearly round, flesh dark red. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

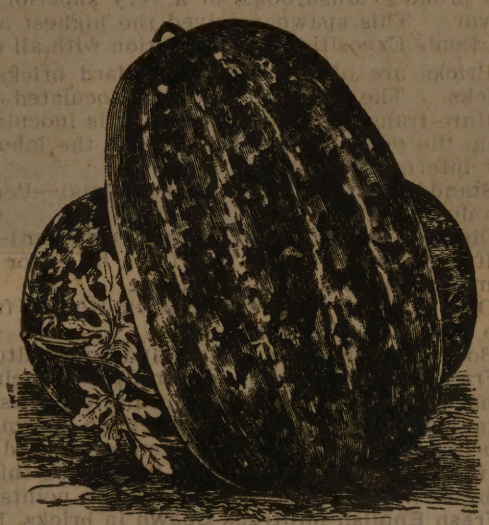
Phinney's Early—An early, hardy and productive red fleshed variety. Pkt 5c, oz 15c, 2 oz 25c, ¼lb 40c, lb $1.25.

Cuban Queen—Flesh bright red, remarkably solid, crisp and sugary, and delicious flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Kleckley Sweets—Large oblong Melons 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The white seeds are placed close to the rind. Flesh crisp and sugary; the sweetest of all large Water Melons. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Hungarian Honey—One of the most luscious varieties, and at the same time ripens early; is of good size, perfectly round and productive; skin a handsome medium dark green, flesh bright red. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities, and fully equalling the latter in flavor, being a week or ten days earlier than either. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.



Peerless Water Melon.

Sweetheart Water Melon.

WATER MELON—Continued.

Sweetheart—Early, uniformly large, handsome and productive. As a shipper and long keeper it has no equal. Fruit is oval, heavy, and mottled light green. Flesh bright red, firm and solid, but very tender. A profitable variety for market gardeners. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Black Boulder—Nearly round, of immense size and great productiveness. Its color, a rich, dark, glossy green, almost black, makes it very attractive; the flesh is deep scarlet, sweet and juicy. A splendid shipper and all round good melon. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Kolb's Gem, or American Champion—It attains a weight of from 25 to 50 lbs. Its flavor and its keeping qualities are the best. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

The Boss—Oblong in shape, skin dark green, flesh deep scarlet and of rich flavor; early, heavy, productive, and a good shipper; a favorite with market growers. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

McIvor's Wonder—A fine shipper, handsome and of good quality, oblong shape, averaging 20 inches in length; skin striped light green on dark ground; flesh pale pink, crisp and sweet. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Citron, Colorado Preserving—Of large size, very productive, and excellent quality. Green seed. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

Citron—Fruit round, flesh white and solid; used for making preserves only. Red seed. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.25.

MUSTARD. *Moutarde*, Fr. *Senf*, Gr.

For early salad sow in hot-beds in February and March; and for general crops at intervals throughout the season in shallow drills 6 inches apart. **White**, for salad, pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

Chinese, or Giant Curled—The leaves are twice the size of the ordinary, while the flavor is sweet and pungent. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. $1.00.

MUSHROOM SPAWN

Blanc Champignon, Fr. *Essbare Blatter Schwamme*, Gr.

Mushrooms can be grown in any cool, shady situation out of doors in the summer time, and during the winter months in any greenhouse, shed or cellar where the temperature does not fall below 45 deg. and is tolerably uniform. They are possibly the most profitable crop for the outlay that can be grown. The spawn we offer can be thoroughly relied on to produce a good crop of the best mushrooms.

Directions for cultivation accompany each order.

Lambert's Pure Culture Spawn—An American product, made from carefully selected spawn, which it is claimed is much more vigorous than the imported article, and wil produce Mushrooms of a very superior quality and flavor. This spawn received the highest award at the St. Louis Exposition in competition with all other spawn.

Bricks are of two kinds, standard bricks and direct bricks. The standard brick is inoculated from a pure culture transfer. The direct brick is inoculated directly from the pure culture, as raised in the laboratory without intermediate transfer.

Mushroom Spawn.

Standard Bricks (White Mushrooms)—Per brick, 25c; per dozen, $2.50.

Direct Bricks (Light Brown Mushroom)—Per brick 35c; per dozen, $3.60.

If to be sent by mail add 10c a brick for postage within the Dominion of Canada, and 25c to Newfoundland and the United States.

One brick of Lambert's Spawn weighs from 1¼ to 1½ lbs., and will be sufficient to spawn about one square yard of bed.

Book on Mushroom Culture and Pure Culture Spawn 10c, or free with orders of ½ doz or more bricks.

French Virgin Spawn—Virgin Spawn is characterized by its great vigor of growth, and being raised from spores of the best and healthiest Mushrooms, it does not contain any of the bacterial or other organisms which may be prevalent in spawn that hasnot been manufactured and sterilized by this new process, sold in the form of compressed and sterilized manure slabs or tablets, thoroughly pervaded by the spawn, and which are 1½ inches thick and 2¾ x 3¾ inches in surface. 15c tablet, $1.50 a doz. If by mail add 15c dozen to Canadian points and 30c dozen to Newfoundland and the United States.

Fresh English Milltrack Spawn in bricks, 15c each; five for 70c, 12 for $1.50. If to be sent by mail add 10c a brick for postage within the Dominion of Canada, and 25c to Newfoundland and the U. S.

ONION. *Ognon*, Fr. *Zwiebel*, Gr.

One ounce will sow a row of 100 feet; 5 lbs. to the acre.

Onion seed is sown from the first of April to the middle of May—the earlier the better—provided the ground is light enough to work dry and fine. Rich soil, with a good application of manure every year, and proper attention, will almost invariably ensure a good crop. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time. Onion sets and tops are placed on the surface in shallow 12 inch drills, about four inches apart, but not covered.

Bruce's Model Yellow Globe Danvers—This improved variety is the bestof the Yellow Globe varieties, large in size, the skin is bright, glossy golden yellow, and the flesh is white and fine grained. The bulbs are remarkably uniform in size and shape, and being firm and hard, possess fine keeping and shipping qualities. The most profitable variety for market gardeners. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 65c, lb. $2.25.

Danvers Yellow Globe—A fine variety; above the medium size, globular in form, skin yellowish brown, flesh white; mild and well flavored; very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 55c lb. $1.90.

Southport Yellow Globe—The handsomest of American varieties, perfect shape, large, solid splendid yielder and keeper. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 65c, lb. $2.25.

Danvers Yellow Flat—Similar to the Yellow Globe, but flat in shape. Pkt. 5c oz. 15c, 2 oz. 25c. ¼ lb. 50c. lb. $1.75.

Yellow Dutch or Strasburg—Very flat and productive. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.75.

Extra Early Australian Yellow Globe—A new yellow strain of the popular Australian Brown. It is globe shaped, of medium size and very solid; skin a light brownish yellow. The flesh is pure white and mild in flavor. Thin necked, they ripen evenly and quickly in all soils and possess remarkable keeping qualities. Pkt. 5c, oz. 25c, 2 oz. 40c ¼ lb. 65c. lb. $2.25.

Australian Brown—Of good marketable size It ripens earlier than Yellow Danvers or Red Wethersfield. The outside skin is of a deep amber brown, distinct from all other onions, and it is extremely hard and firm, and of fine flavor, and is the best keeper of all onions. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 55c, lb. $1.90.

Ailsa Craig—See novelties.

Southport Red Globe—Skin deep red, flesh white, mild and tender; handsome in appearance. Pkt. 5c, oz. 25c. 2 oz. 40c, ¼ lb. 65c. lb. $2.25.

Extra Early Flat Red—Resembles the Wethersfield in color but much earlier; valuable for heavy late soils. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 65c lb. $2.25.

Imperial Brown Globe—The shape of this new strain is a true and uniform very deep globe; color rich seal brown, skin thick, and flesh white, firm and fine grained. Has the extra long keeping qualities of Australian Brown. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 65c, lb. $2.25.

Large Red Wethersfield—Skin deep purplish red; flesh purplish white; fine grained and stronger flavor than that of the yellow and early red varieties; productive and one of the best to keep. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 65c. lb $2 25.

Bruce's Model Danvers Onion.

White Globe—A large, globe-shaped variety; very solid, of mild flavor and good keeper; clear white skin. Commands highest market price. Pkt. 5c, oz. 35c, 2 oz. 60c, ¼ lb. $1.00, lb. $3.75.

White Portugal—Large flat, mild, fine for early winter. Pkt .5c, oz. 30c, 2 oz. 50c, ¼lb 90c, lb $3.40.

Welsh, Red or White—This variety is grown exclusively for bunching, or green onions. Very mild and delicate flavored. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.

ONIONS—Continued.

Giant Prizetaker—American grown. This variety may be grown to an enormous size by sowing the seed in a hot-bed in February or March and transplanting out as soon as the ground is in condition, some of our customers exhibiting specimens weighing as much as 3 lbs. each and measuring 18 inches in circumference. Globe shaped, of a rich straw color, solid, and an excellent keeper; flesh white, in flavor mild and sweet. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 65c, lb. $2.25.

NEAPOLITAN ONIONS

Giant White Tripoli—Large and handsome. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 60c, lb. $2.25.

Mammoth Silver King—An extra large white-skinned and white fleshed variety. It matures early. In shape somewhat flat and of an exceedingly mild and delicate flavor. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 60c, lb. $2.25.

Giant Rocca—Large globular shaped, light brown skin. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.60.

PICKLING ONIONS.

Small Silver Skin Pickling—A standard variety, largely grown for pickles. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 55c, lb. $2.00.

White Barletta—An extra early, small, white skinned variety; flesh pure white; very mild in flavor; excellent for pickling. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 60c, lb. $2.25.

Queen—This is another extra early variety; small, flat, and mild flavored. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 60c, lb. $2.25.

Giant Prizetaker Onion.

ONION SETS

When wanted in large quantities write for special quotations.

English Potato	We give Heaped Measure.	Per qt 20c
White Potato		" 20c
Dutch Sets—White		" 20c
Dutch Sets—Yellow		" 15c
Shallots		" 15c
Top or Button		" 25c

When sets are to be mailed, postage must be added at the rate of 10c per quart within the Dominion of Canada and 25c per quart to Newfoundland and the United States.

Hollow Crown Parsnip

OKRA. *Gombo*, Fr. *Safran*, Gr.

Plant late in the spring (after the ground has become warm), in drills two and a half feet apart; thin out to nine inches in the row. Use the pods when green and tender.

Dwarf Green—Round smooth pods. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

PARSNIP. *Panais*, Fr. *Pastinake*, Gr.

Sow as early as the ground will permit in very rich, loamy soil, in rows fifteen inches apart, and thin to seven inches in the row. The roots are very hardy, and are greatly improved by remaining in ground through winter.

Bruce's Improved Hollow Crown—A decided improvement on the old variety; roots finely shaped and flavor excellent. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 65c.

The Student—Well known variety, fine flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 60c.

Champion Moss Curled Parsley

PARSLEY. *Persil*, Fr. *Petersilie*, Gr.

Sow early in the spring in drills 12 inches apart, thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Extra Curled—Leaves beautifully curled. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Champion Moss Curled—This is the perfection of Parsley. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 35c, lb. $1.00.

Carter's Fern Leaved—Invaluable for garnishing. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 35c, lb. $1.00.

PEAS. *Pois*, Fr. *Erbse*, Gr.

One quart for a row of 75 feet.

The soil best adapted for the Pea is a rich loam, well manured the previous year (using thoroughly decomposed manure, if any, immediately before planting). For early crops sow as early in the spring as the ground can be worked in drills three feet apart, and for a succession every two weeks until the 1st of July. When they are about two inches high begin to draw the earth to the stems. Hoe often in dry weather. Peas should be soaked in water before planting, and if the ground is very dry should be watered in the hills.

New Pea—The Pilot.

EXTRA EARLY VARIETIES.

Velocity—New—Extra early. See Novelties.

The Pilot—New Extra Early—In this new introduction we have a First Early Cropper, producing deep green pods of the well known Gradus type. It is a hardy, vigorous, branching plant, growing 3 feet in height, and bears throughout the length of the haulm a large proportion of pods in pairs, which contain five deep green peas of exquisite flavor. The Pilot is in every respect the first and best of all early round-seeded varieties. Pkt. 10c, pint 30c, quart 50c, 2 quarts 90c, 4 quarts $1.70, peck $3.25.

Bruce's Unrivalled—New—in shape of pod and habit of growth it may best be described as a more robust form of American Wonder, growing five to six inches higher, and about ten days later. The pods, which are of the same brilliant deep green color as the plant, are produced in great profusion, each completely packed with 8 to 10 large and very sweet flavored peas. Pkt. 10c, pint 30c, quart 50c, 2 quarts 90c, 4 qts. $1.70, pk $3.25.

Thomas Laxton—A new variety, producing large pods in abundance. The quality is delicious and cannot be surpassed by any other variety. It will mature fully as early as any of the extra early smooth peas, and being a wrinkled sort is much sweeter, and is an improvement on Gradus, being earlier, hardier and darker. Pkt. 10c, pint 30c, quart 50c, peck $3.25, bushel $11.50.

Gradus—This fine variety has now been well tested, and we recommend it highly. As early as Thomas Laxton, its pods are as large and well filled as Stratagem, with peas of exquisite flavor. The vine has heavy stems with large dark green leaves, and grows to a height of 3 feet; pods large, nearly round, and of a deep green color. Pkt. 10c, pt. 30c, qt. 50c, pk. $3.25, bushel $11.50.

Bruce's Early Conquerer—This well known variety surpasses all other Peas as to earliness. Prolific cropper, bearing large pods; ripens up with wonderful uniformity, making it the most profitable early pea for market gardeners to grow. Height 2 feet. Pt. 25c, qt. 40c, pk. $2.25, bushel $8.00.

New Pea—Thomas Laxton.

Alaska—One of the very earliest blue varieties, productive, and a good canner. Height 1½ feet. Pint 25c, quart 40c, peck $2.50, bushel $9.00.

American Wonder—This variety is justly entitled to take first position at the head of the list of Extra Early Dwarf Wrinkled Peas, and stands unrivalled in point of productiveness, flavor and quality. Height 10 to 12 inches, with a very branching habit. Pint 30c, quart 50c, peck $3.25, bushel $11.50.

Nott's Excelsior—A splendid extra early, a few days later than the American Wonder, but pods larger, very prolific and of splendid flavor. Height 1 foot. Pint 30c, quart 50c, peck $3.00, bushel $11.00.

SECOND EARLY VARIETIES.

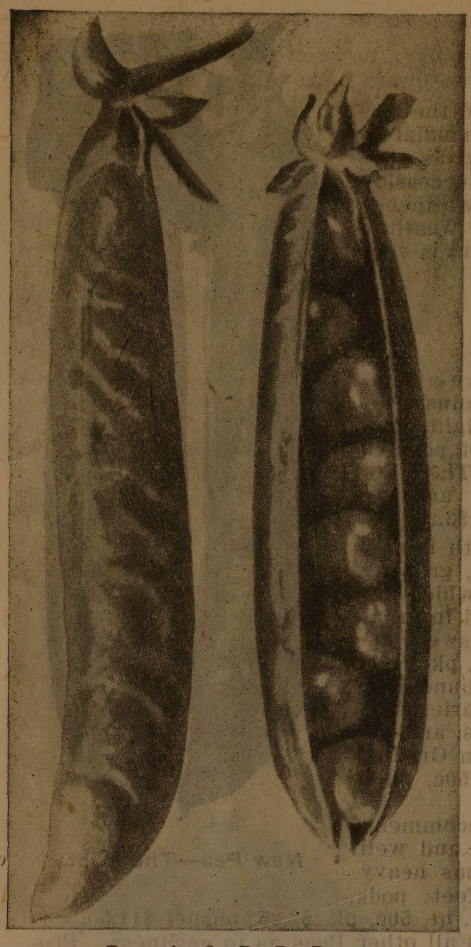
Heroine—One of the best large green wrinkled sorts of recent introduction. Growing about 2½ feet high, it bears a profusion of large pointed pods, many of which contain from 8 to 9 large peas of the finest quality; rich, buttery, marrow-like flavor. A profitable pea for market gardeners. Pint 25c, quart 40c, peck $2.75, bushel $10.00.

McLean's Little Gem—This Pea is now a well known standard variety. It is one of the best dwarf early sorts, and of exquisite flavor. Height 1 foot. Pint 25c, quart 40c, peck $2.75, bushel $10.00.

Horsford's Market Garden—A wrinkled variety, prolific bearer; pods medium size, numerous and well filled with peas of a delicious flavor. Pint 25c, quart 40c, peck $2.50, bushel $9.00.

McLean's Advancer—A dwarf, green wrinkled variety of fine flavor. The best canner. Pint 25c, quart 40c, peck $2.50, bushel $9.00.

We supply all varieties of Peas, except where specified, at 5c per small pkt., and 10c for good sized pkt.



Bruce's C. P. R. Pea.

PEAS—Continued.

GENERAL CROP

Telephone—Immensely productive and of the finest quality. Vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 peas each, which are of pale green color, and are closely packed in the pod and of most delicious flavor; 4 feet. Pint 25c, quart 40c, peck $2.75, bushel $10.00.

Champion of England—Good for general crop, very fine flavor; height 4 ft. Pint 20c, quart 30c, peck $2.00, bush $7.00.

Improved Stratagem—One of the best of the many English Peas. It grows to a height of two feet, and plant is literally covered with immense pods, many measuring six inches in length and frequently containing ten large fine flavored peas. Pint 30c, quart 50c, peck $3.00, bushel $11.00.

Bruce's C. P. R.—The best main crop, blue, wrinkled marrow pea. It grows about two feet high, of a sturdy, branching habit, and it requires to be sown thinly, as the pods are produced from the very bottom of the plant to the top. The pods are large and slightly curved, and filled with peas of a fine deep green color and of the most delicious flavor. Pint 25c, quart 40c, peck $2.50, bushel $9.00.

Sugar, or Edible Podded—The pods are cooked like String Beans. If used when about half grown they are deliciously tender and sweet. Pkt. 10c, pint 35c, quart 60c.

Large White Marrowfat—A very prolific, first-rate variety. Pint 10c, quart 15c, peck 50c, bushel $1.75.

Black-Eyed Marrowfat—Great bearer, large pods. Pint 10c, quart 15c, peck 50c, bushel $1.75.

When Peas are to be sent by mail, add postage at the rate of five cents per pint within the Dominion of Canada, and sixteen cents per pint to Newfoundland and the United States.

PEPPER. *Piment*, Fr. *Spanischer Pfeffer*, Gr.

Sow early in the spring in a hot-bed, and transplant end of May in rows 18 inches apart and 10 inches in the row, and earth up a little at one or two hoeings.

Neapolitan—New—This is the earliest of all large mild red peppers, and the most productive. The plants are strong and vigorous and bear their handsome fruits continuously throughout the season. The skin and flesh are bright red; they are thick-meated and very mild. Pkt. 5c, oz. 50c.

Chinese Giant—Undoubtedly the largest sweet pepper. The plant is of strong, vigorous growth, about two feet high when fully grown, and a very prolific bearer of large peppers, which are of a bright scarlet color when ripe. The flesh is quite thick, very mild and remarkably sweet. Pkt. 10c, oz. 75c.

Chili—Pods pendant, shape conical, about two inches in length; very piquant. Pkt. 5c, oz. 40c.

Bell, or Bull Nose—A large, early variety, sweet and mild. Pkt. 5c, oz. 40c.

Long Red—Pods brilliant red, and three or four inches in length; very productive. Pkt. 5c, oz. 40c.

Mammoth Golden Queen—The largest of the yellow varieties. Pkt. 5c, oz. 40c.

Mammoth Spanish—One of the largest and earliest varieties. Flesh is sweet and mild. Pkt. 5c, oz. 40c.

Monstrous, or Grossum—A remarkably fine variety, growing to a large size. Pkt. 5c, oz. 40c.

Procopp's Giant—Very large, thick fleshed, scarlet variety. Pkt. 5c, oz. 40c.

Ruby King—Beautiful bright red; fruit very large and mild, one of the best. Pkt. 5c, oz. 40c.

Cayenne—Pods are small, cone shaped, coral red when ripe. Pkt. 5c, oz. 40c.

Cherry—Pods of fruit erect, nearly globular, cherry form; of deep, rich, glossy scarlet. Pkt. 5c, oz. 40c.

Ruby King Pepper.

PUMPKIN. *Potiron*, Fr. *Kurbis*, Gr.

Plant middle of May in manured hills, eight feet apart, and leave but two to three plants in a hill.

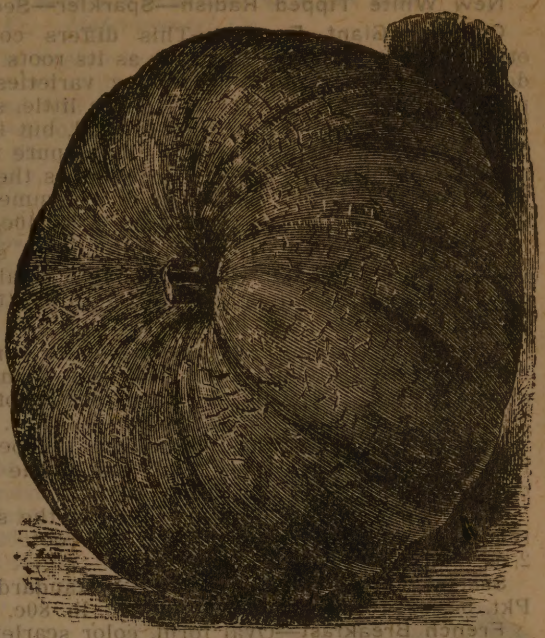
Cheese—Medium size, one of the best for cooking purposes. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. $1.00.

Sugar—Average about 10 inches in diameter, flattened or slightly ribbed, skin orange-yellow, flesh sweet, splendid keeper. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. $1.00.

Large Yellow—Better adapted for feeding purposes than for cooking. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 40c.

King of Mammoth or Jumbo—Can be grown to an enormous size; flesh fine grained and of excellent quality. Pkt. 10c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.50.

Japanese Pie—Crooknecked variety, productive, ripens early, medium size, good keeper. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 45c, lb. $1.50.



King of Mammoth Pumpkin.

SELECTED SEED POTATOES

Pomme de Terre, Fr. *Kartoffel*, Gr.

Early Six Weeks—Popular first early, of good quality.

Extra Early Bovee—An early wonderfully productive variety of excellent quality. Skin flesh color.

Extra Early Ohio—A fine early potato of vigorous growth and superior quality. Skin pink.

Early Pink Eye—A productive early sort, of good quality, with pink skin.

Extra Early Eureka—A white skinned early variety of good quality.

Noroton Beauty—By far the most productive extra early, yielding as heavily as any of the medium early sorts. It is handsome in appearance and most uniform in size and shape, with white skin and pink eyes, and it keeps longer than any other sort.

Chicago Market—A fine extra early variety, resembling the Ohio, but said to be an improvement on this fine sort.

Early Monarch—A week later than Six Weeks, but larger, better quality and heavier yielder, with skin of a light rose color, highly recommended.

Bruce's White Beauty—This excellent potato still retains the position it has occupied since we introduced it sixteen years ago, on account of its attractive appearance and the excellence of its table qualities. The skin and flesh are pure white, the tubers are uniform in size, and is a good keeper.

Sir Walter Raleigh—Main crop, very productive, white flesh and skin, of uniform large size, smooth, with few shallow eyes, and of splendid quality.

Pride of Aroostook—Is a second early pure white variety, oblong in shape, and of exceedingly fine appearance and splendid quality. It is wonderfully productive.

Gold Coin—A very hardy, vigorous growing, productive main crop of splendid quality.

The Planet—A main crop variety, of fine quality, and a heavy cropper; it is almost round, with white skin, and of handsome appearance.

Early Puritan, Pearl of Savoy, Late Empire State, and other standard sorts supplied.

Prices of above varieties subject to market fluctuations. 1 lb. 15c, 5 lbs. 65c, postpaid to Canadian points. Peck 40c, ½ bushel 70c, bushel $1.35, bag $1.90 here. Jute bags 10c each extra.

We usually commence shipping about the 1st of April (weather permitting).

Bruce's Non Plus Ultra Forcing Radish.

RADISH. *Radis*, Fr. *Rettig*, Gr.

One ounce will sow a row of 100 feet.

For early crops they should be sown in hot beds in February or March, and in the open air as soon as the ground can be worked, and at intervals of ten to twelve days for a succession throughout the season. Sow in drills 8 to 10 inches apart, and thin to a distance of two inches in the drills. The winter varieties should be sown in August and lifted before severe frost. A warm loam, made rich and light by some well rotted sandy manure, will be the most likely to produce them brittle and free from worms.

Bruce's Non Plus Ultra (forcing)—A wonderfully rapid grower, which is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and delicate; it produces but few leaves. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.

Rosy Gem (forcing)—One of the earliest, perfectly globular; color rich deep scarlet at the top, blending into pure white at the bottom, exceedingly tender and crisp. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.00.

RADISH—Continued.

New White Tipped Radish—Sparkler—See Novelties.

Crimson Giant Forcing—This differs considerably from other extra early sorts in so far as its roots attain more than double the size of existing forcing varieties without getting pithy or hollow. In form it varies a little, some of the roots being long and others inclined to oval, but its beautiful deep crimson color is quite constant. Flesh pure white, firm, crisp, and of most delicate flavor. It combines the advantages of a good hothouse radish with that of a summer or out-door variety. Pkt. 5c, oz. 15c, 2 oz. 15c, ¼ lb. 40c, lb. $1.00.

Bruce's In and Out (forcing)—Similar in size and shape to the Scarlet Turnip White Tipped, but of smaller top and much quicker growth, coming to maturity in a little over 20 days; desirable variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.

Lily White (forcing)—Handsome white variety having few leaves, which are small and closely set; comes to maturity in about 20 days. Skin and flesh pure white, of excellent flavor. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.00.

Scarlet Globe (forcing)—Handsome shape, color brilliant red, flesh white and crisp, mild, and of fine flavor. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. 80c.

Early Deep Scarlet Turnip—Color of the skin is very dark red, flesh white, with very small tap root. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. 80c.

Scarlet Turnip, White Tipped—A standard market variety. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. 80c.

Scarlet Turnip White Tip Radish.

French Breakfast—Oval form, color scarlet, white tipped. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼lb. 30c, lb 80c.

Scarlet Olive Shaped—Skin fine scarlet, flesh rose color. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼lb. 25c, lb. 75c.

White Olive Shaped—Same as above except color. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

White Turnip—Skin and flesh white; later than scarlet. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼lb. 25c, lb. 75c.

Half Long Deep Scarlet—An early variety, intermediate in shape between the Long Scarlet and the Scarlet Olive Shaped. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. 80c.

Chartier—A long radish, of deep crimson color at top, shading off lighter until at the bottom they become white. Of large size, tender and crisp. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Long Brightest Scarlet—Resembles the old Long Scarlet in shape and size, but in color is very distinct, being of the most vivid scarlet imaginable, the tip of the roots being pure white. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Long Brightest Scarlet Radish.

Long White Vienna, or Lady Finger— This is the best long white variety. Of handsome form; skin and flesh pure white; of very rapid growth, remarkably crisp, brittle and tender. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Icicle—A fine early long white variety for forcing or outdoors, attractive and of fine quality. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 30c, lb. 80c.

WINTER RADISHES.

China Rose Colored—Medium, flesh firm, rather piquant. The standard winter variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.00.

Chinese White, or Celestial—Stump-rooted, very like Nantes Carrot; 6 inches long; fine for winter. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Black Spanish Round—Large size, skin black, of fine quality. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.00.

Black Spanish Long—Similar to preceding in every respect except shape. Pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.

California Mammoth or White Russian—A giant white fleshed fall radish. It grows from 8 to 10 inches in length and about 2½ in diameter. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.00.

RHUBARB. *Rhubarbe*, Fr. *Rhabarber*, Gr.

Sow early in spring in rows twelve inches apart; the following spring transplant into rows two feet apart each way; manure the ground to the depth of two feet. In raising rhubarb from seed no reliance can be placed on their producing the true varieties; the most expeditious and satisfactory mode to obtain a supply is to procure roots which will produce a moderate supply the first season.

Victoria—Very large, fine for cooking. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Myatt's Linnaeus—Very early and tender. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Rhubarb Roots, each 20c, three for 50c, $2.00 per dozen, postpaid.

SEA KALE. *Crambe Maritime*, Fr. *Meerkohl*, Gr.

Sow in drills one foot apart and thin out to four inches in the row. When one year old transplant into hills eighteen inches apart and three plants to each hill. On approach of frost cover about two feet thick with dried leaves. Pkt. 5c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.50.

Mammoth Salsify.

SALSIFY OR VEGETABLE OYSTER

Salsifis, Fr. *Haferwurzel*, Gr.

Sow early in spring in drills twelve inches apart, one inch deep, and thin out to six inches in the row; cultivate similar to Carrots and Parsnips. They are quite hardy and will stand the winter in open ground.

Mammoth Sandwich Island—Roots are very large and of excellent quality. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Long White—Standard variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 50c, lb. $1.75.

SPINAGE. *Epinard*, Fr. *Spinat*, Gr.

One ounce will sow a row of 100 feet; 10 to 12 pounds for an acre.

Sow early in spring, in drills one foot apart, and thin out to six inches in the row. Rich, light soil is requisite to produce large, tender leaves. For winter crop sow end of August; cover lightly with clean straw; soak the seed six hours before sowing.

Victoria—Foliage is heavy, the broad darg green leaves being of the true Savoy appearance and the finest quality. It does not turn to seed quickly. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

Monstrous Viroflay—Extra large, with thick succulent leaves. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

Long Standing Prickly Seeded—A very hardy compact growing variety. Slow to run to seed. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 30c.

New Zealand—Produces leaves of the greatest succulency in the hottest weather. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

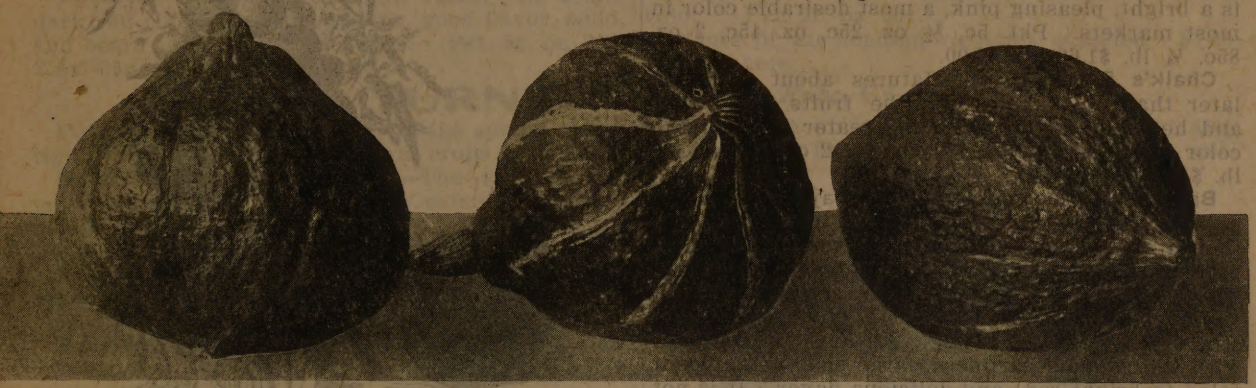
Large Orach, or Mountain Spinage—Cultivated and used like spinage, but by many is much preferred to it. We offer Red, which has dark red leaves, and White, with pale green (almost yellow) leaves. Pkt. 5c, oz. 20c, 2 oz. 30c, ¼ lb. 50c, lb. $1.50.

Monstrous Viroflay Spinage.

SQUASH. *Courge*, Fr. *Speise Kurbis*, Gr.

One ounce for fifty hills.

Any good enriched soil is adapted to the growth of Squashes. They only thrive well in a warm temperature, as all the varieties are tender annuals, and the seeds should not be sown in the spring until all danger from frost is passed and the ground is warm and thoroughly settled. The hills should be made from 8 to 10 inches deep, manured well, and the seeds covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants in a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it facilitates the formation of fruitful laterals and the early maturing of fruit.



Boston Marrow. Green Hubbard. Golden Hubbard.

Early White Scallop Bush—Early flat, scalloped shaped, fine grained. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Early Yellow Scallop Bush—Early and prolific. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

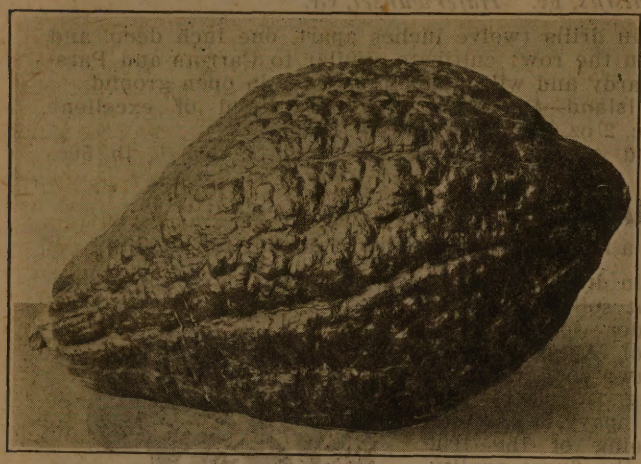
Golden Custard—An improved Early Yellow Scallop Squash, of true bush growth and nearly as early. The fruits are much larger and have a rich golden orange skin as well as rich creamy yellow flesh; very productive. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Yellow Summer Crookneck—One of the best of summer varieties. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Long White English Marrow—A very long white marrow of the finest quality; very productive. Pkt. 5c, oz. 20c, 2 oz.35c, ¼ lb. 60c, lb. $1.75.

Long White Bush Marrow—The fruit of this bush variety is similar in size and color to the preceding. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $1.75.

SQUASH—Continued.



Warted Hubbard.

Warted Hubbard—A variety of the Hubbard Squash, with warted skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.20.

Mammoth—Grows to a great size, often weighing 200 lbs; good for stock. Pkt. 10c, oz. 25c, 2 oz. 40c, ¼ lb. 75c, lb. $2.50.

Delicious—Form and color varies; weight from 5 to 10 lbs. each; the flesh is thick, of a deep orange color, and of unequalled quality for the table. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.20.

Boston Marrow—A very popular variety, productive and a good keeper. Pkt. 5c, oz. 15c, 2 oz. 20c, ¼ lb. 30c, lb. $1.00.

Red or Golden Hubbard—While it resembles the old green Hubard in shape and size, it is much more attractive in appearance; color a rich orange yellow, turning to a deep salmon red when ripened. Its keeping qualities are fully equal too,while in productiveness it excels the green variety. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.20.

Hubbard—The standard winter squash, color dark green, shell hard, flesh dry, fine grained and sweet. Excellent keeper. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.20.

Essex Hybrid—The flesh is sweet and thick, and a bright orange color, good for fall and winter use. Pkt. 5c, oz. 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.20.

Perfect Gem—Excellent both as a summer and winter variety. Pkt. 5c. oz, 15c, 2 oz. 25c, ¼ lb. 40c, lb. $1.20.

Mammoth Whale—Very prolific, flesh solid, of an orange yellow color, and of excellent quality. Specimens have grown three feet long and weighed 100 lbs. A splendid winter keeper. Pkt. 10c, oz. 25c, 2 oz.40c, ¼ lb. 75c, lb. $2.50.

TOMATO. *Tomate*, Fr. *Liebes Apfel*. Gr.

For early crops sow the seed in a hot-bed in March. When two inches high transplant into pots or into another bed, and attend them carefully until all danger from frost is past, then plant in hills four feet apart in a sheltered station fully exposed to the sun, support them with brush to keep the fruit off the ground. This is a vegetable worthy of the most extensive cultivation. Two ounces of seed will produce enough plants for an acre.

Bruce's First and Best—See Novelties.

Livingston's Hummer—New—This new variety is round as a ball and smooth as an apple. The color is bright scarlet and very attractive. Pkt. 5c, oz. 40c, 2 oz. 75c, ¼ lb. $1.25.

June Pink—This new tomato is similar in habit and shape to the famous Earliana. It ripens fully as early as that variety, the fruit being of medium size, uniform, smooth, and attractive. In color it is a bright, pleasing pink, a most desirable color in most markets. Pkt. 5c, ½ oz. 25c, oz. 45c, 2 oz. 85c, ¼ lb. $1.60, lb. $6.00.

Chalk's Early Jewel—Matures about a week later than Earliana, while the fruits are larger and heavier and produced in greater abundance; color bright red. Pkt. 5c ,oz. 30c, 2 oz. 55c, ¼ lb. lb. $1.00, lb. $3.50.

Bruce's Re-Selected Dominion Day—In 1897 we named and introduced this fine tomato. Since then it has given general satisfaction and has proved an exceptionally profitable early market variety. We now offer a new selection, which while combining all the good points of the old strain will be fully a week earlier. It combines with its extreme earliness, large size, magnificent color (a bright red) and delicious flavor. It is not liable to crack, is free from core, is almost smooth and a great yielder. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.50.

Ignotum—Very early and prolific; color fine deep red. fruit smooth, heavy and solid, and of delicate flavor. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. lb. 70c, lb. $2.50.

Atlantic Prize—Extra early, color bright red. Pkt. 5c oz. 25c, 2 oz. 45c ¼ lb. 80c, lb. $3.00.

Plentiful—Fruit large, solid, smooth, uniform and handsome, heavy yielder, color pink. Pkt. 5c oz 35c, 2 oz. 60c, ¼ lb. $1.00.

Bruce's Dominion Day Tomato—Re-Selected.

Livingston's Coreless—New—Large sized, globe shaped, bright red, a strong grower and big cropper. Pkt. 5c, oz. 40c, 2 oz. 75c, ¼ lb. $1.25.

Early Michigan—Fruit medium size to large; perfectly smooth, solid; deep rich red color, and of excellent flavor. Pkt. 5c, oz .25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

TOMATOES—Continued.

Earliana—Bruce's Selected Stock—The earliest large tomato in the world. It is not only remarkable for its earliness, but for its large size, handsome shape, productiveness, and beautiful red color. Its solidity and fine quality are unsurpassed by any of the best medium and late sorts. The fruit contains but few seeds, and for this reason the genuine seed can never be sold at a low price. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1, lb. $3.50.

Success—A main crop variety, smooth and well formed. Is firm without being hard, and a splendid shipper; color bright red. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.50.

Ponderosa—This monster variety is smooth, of dark crimson color, all solid meat and fine flavor. Specimens have weighed two lbs. each. Pkt. 10c, oz. 40c, 2 oz. 75c, ¼ lb. $1.50. lb. $5.00.

New Dwarf Stone—Resembles the Dwarf Champion in its stout, upright and compact growth, with fruit similar to the late Stone in color, shape and size. Pkt. 5c, oz. 35c, 2 oz. 65c, ¼lb. $1.25, lb. $4.50.

Favorite—A popular canning variety of a fine dark red color. Is very prolific, good flavor, solid, and bears shipping long distance. Pkt. 5c, oz. 20c 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Livingston's Globe—Among the very first to ripen, although of large size, very smooth, firm fleshed, a few seeds, ripens evenly; color a beautiful glossy rose, tinged purple. Flavor very delicate and agreeable; splendid slicing variety. The fruit is borne on short jointed, branching plants, in great abundance. Pkt. 5c, oz. 35c, 2 oz. 65c, ¼ lb. $1.25, lb. $4.50.

Royal Red—Main crop, very productive, of a rich deep red color, is deservedly popular with canners. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

Perfection—A well known early variety, extensively grown for canning purposes; blood red color, perfectly smooth, very productive. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

The Stone—Large, bright scarlet, smooth and solid, ripens up to the stem without a crack; an excellent main crop variety. Pkt .5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Matchless—Of a rich, cardinal red color, large size, very uniform and smooth, and for quality and solidity it is hard to beat. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.50.

Dwarf Champion—Quite distinct in foliage and habit of growth, being compact and upright. Crop ripens very early and evenly. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.50.

Imperial—Early, perfectly smooth, solid and of the finest quality, in color a deep, rich red, tinted with purple. A handsome table variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Aristocrat—In habit, growth and foliage it resembles the Dwarf Champion. The color of its fruit, however, is a beautiful rich, glossy red. Pkt. 5c, oz. 30c, 2 oz. 55c, ¼ lb. $1.00, lb. $3.50.

Beauty—Large, dark crimson, tough skin, fine market variety. Pkt. 5c, oz. 20c, 2 oz. 35c, ¼ lb. 70c, lb. $2.50.

Golden Queen—Handsome, round, early, productive. Pkt. 5c, oz. 25c, 2 oz. 45c, ¼ lb. 80c, lb. $3.00.

SMALL FRUITED TOMATOES.

Following varieties are useful for preserves and pickling:

Red and Yellow, Pear Shaped—Pkt. 5c, oz. 50c.

Yellow and Red Plum—Pkt. 5c, oz. 50c.

Red and Yellow Cherry—Pkt. 5c, oz. 50c.

Strawberry or Ground Cherry—Fruit enclosed in a husk, excellent for preserves. Pkt. 5c, oz. 50c.

Peach—Resembles a peach in shape, size and color. Pkt. 5c, oz. 50c.

Plants of the leading varieties supplied. $1.00 per 100 here.

TURNIP. *Navet*, Fr. *Rube*, Gr.

For early crops sow as early in the spring as the ground can be worked, in drills 12 inches apart, and thin to 6 or 8 inches; for general crops sow to middle of August. They succeed best in light rich soil.

Bruce's Early Nimble Dick—The earliest and most delicious table turnip in existence; bulbs medium size, flat; color pure white. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 60c.

Early Flat White Dutch—Size medium, of quick growth, juicy, excellent quality. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c, lb. 60c.

Purple Top Strap Leaf—Flesh fine grained, rich and buttery flavored. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 20c. lb. 50c.

Extra Early White Milan—It grows with wonderful rapidity and is the earliest White Turnip in cultivation. It is most attractive, with clear white skin and flesh fine grained and tender. Pkt. 5c, oz. 10c. 2 oz .15c. ¼ lb. 25c, lb. 90c.

Bruce's Golden Ball—Skin bright yellow, flesh firm, sweet and well flavored. Pkt. 5c, oz. 10c 2 oz. 15c. ¼ lb. 20c. lb. 60c.

Early White Stone—Snowball—A very fine variety. Pkt. 5c, oz. 10c. 2 oz. 15c, ¼ lb. 20c, lb. 60c.

White Swede—Flesh pure white of extraordinary solidity and well flavored. Pkt. 5c. ¼ lb. 12c, lb. 30c.

Nimble Dick Turnip.

Laing's Improved Purple Top Swede—An excellent turnip for rich, free soils, very handsome, with a peculiar leaf and small top. Pkt .5c. ¼ lb. 12c, lb. 30c.

Sweet Basil. Sage. Sweet Marjoram. Summer Savory. Thyme.

POT, SWEET AND MEDICINAL HERBS

Anise.. .. ..Per oz. 25	Caraway.. ..Per oz. 15	Horehound Per oz. 35	Rue .. .. .. Per oz. 35
Balm 35	Catnip.. 75	Hyssop. 35	Sage 20
Basil, Sweet.. 30	Coriander. 20	Lavender.. 60	Savory, Summer. .. 20
Basil, Bush 30	Dill.. 25	Marjoram, Sweet .. 20	Savory, Winter.. .. 35
Borage. 35	Fennel, Sweet 25	Marjoram, Pot.. .. 60	Thyme. 30
Belladonna 50	Fenugreek 25	Rosemary. 60	Wormwood 35

IN PACKETS AT FIVE CENTS EACH.

TREE AND HEDGE SEEDS

Sow the seeds moderately thick in the spring just as soon as the ground is in good working condition, in beds 3 feet wide; then draw the soil with the back of the rake from the center of the beds to a uniform depth of 2 inches. Keep the beds free from weeds, and when the seeds begin to germinate, lightly cover the bed with pine boughs to shade the young plants from the sun. When all are up the boughs should be gradually removed in order to harden off the young plants; during the first winter cover the beds with pine boughs to protect the young plants from the snow and sun. Let the plants remain in the beds from 2 to 3 years, and then transplant into rows two and a half feet apart, leaving 6 to 9 inches between each plant. Keep the ground clean and mellow, and when the plants are strong enough, remove them to where they are intended to remain.

Norway Spruce..	oz.	15c	lb.	$1	25
Scotch Fir	"	30c	"	2	50
Silver Fir	"	20c	"	1	50
Sugar Maple	"	20c	"	1	50
European Larch..	"	30c	"	2	50
Austrian Fir..	"	30c	"	2	50
Arbor Vitae..	"	25c	"	2	00
Hemlock Spruce	"	50c	"	6	00
Mulberry White..	"	30c	"	2	50
Black Walnuts..	15c	lb.,	bush.	2	00

Any of the above can be supplied at 10c per pkt.

Norway Spruce—We offer a large stock of transplanted stocky plants of the following sizes. 12 to 15 inches, $15.00 per 100; 18 to 24 inches, $20.00 per 100; 24 to 36 inches, $25.00 per 100; suitable for hedges and wind-breaks. Orders are requested to be sent in by the 1st of May.

SEEDS FOR HEDGES

Sow the following in the fall, if convenient. If sown in spring, soak the seeds in tepid milk or water forty-eight hours before sowing, which will assist the germination of the seeds. Sow in drills two feet apart, and when two years old transplant into rows two and a half feet apart and nine to twelve inches between each plant. Hoe frequently and keep free from weeds, and when two feet high transplant them to where you want them to remain.

Acacia, Three Horned or Honey Locust—(Gleditschia triacanthos)—Very hardy and effectual against man or beast. Admirably adapted for the prairies	oz.	10c	lb.	$0	75
Buckthorn—(Ramnus Catharticus)—clean seed	"	20c	"	1	50
Osage Orange—(Maclura Aurantiaca)	"	15c	"	1	25
Berberry—(Berberis Vulgaris)—Very hardy, producing a fine compact hedge, also valuable for its fruit, which is excellent for preserving..	"	15c	"	1	25

FRUIT SEEDS

Cherry Pits, Mahaleb and Mazzard.. ..	lb.	$0.50	Apple Seeds	oz.	10c
Currant, Red, White and Black..	pkt	10	Pear Seeds..	"	20c
Gooseberry, Red, Yellow and Green.. ..	"	25	Quince Seeds	"	15c
Raspberry, Red and White	"	10	Peach Stones, also Apricot Stones	"	
Strawberry, Choice kind..	"	25	Plum Stones..	"	

lb.	$0	50			
"	1	50			
"	1	50			
"		25			
"		30			

BIRD SEEDS

Carefully cleaned, fresh and free from impurities. Special prices in quantity.

Canary..	lb.	$0	10	Mixed Parrot Seed	lb.	$0	10
Maw..	¼ lb.	10c	" 25	Song Restorer, bottle 25c, postpaid..	bottle		30
Rape, German Sweet	"		10	Prepared Mocking Bird Food	tin		30
Hemp	"		10	Prepared Fish Food, box 10c, postpaid	box		15
Millet	"		5	Lice Killer, box 25c, postpaid	box		30
Sunflower	"		10	Manna or Bird Bread, cake 5c, postpaid..			08
Mixed Bird Seed..	"		8	Cuttle Fish Bone	oz.	5c, lb.	50

Bird Sand, 1¼ lb. packages, 5c; 2¾ lb. packages, 10c.

Tree, Hedge and Fruit Seeds going by mail require postage to be added at the rate of 5c per lb. to Canadian points, and 16c per lb to Newfoundland and the United States. Bird Seeds require postage to be added at the rate of 16c per lb. to Canada, Newfoundland and the United States.

AGRICULTURAL SEEDS

In submitting our list of Farm Seeds we take pleasure in stating that our extensive stocks have been secured in excellent condition; they have, as usual, had the most careful supervision by our growers from the time of planting until maturity, and may be depended upon to give satisfaction, when due allowance is made for any imperfections of weather, soil or cultivation. The large increase annually in our trade with the farmers in all portions of the Dominion is an evidence of the superiority of our stocks, and of the personal attention we give to the interests of those who have, without intermission, patronized us so liberally. **The crop in Europe of Beet, Mangel and Turnip is the shortest in many years, and orders should be sent in early to be certain to get our special varieties.**

Sugar Beet, Field Carrot, Thousand Headed Kale, Mangel, Rape and Field Turnip, to be forwarded by mail, require postage to be added to Catalogue prices at the rate of 5c per lb. to all points in Canada, and 16c per lb. to Newfoundland and the United States.

Bruce's Giant Feeding Sugar Beet.

SUGAR BEET

The demand for Sugar Beet Seed has more than doubled in each year the past few seasons. Dairymen find when feeding to their cows a marked increase in the flow of milk and richness in butter which are not so apparent when using other cattle foods. Hogs may also be fed to advantage on Sugar Beets. Sow from middle of April to the first of June, in drills two feet apart, then thin to nine inches in the row. Five pounds seed per acre.

BRUCE'S GIANT WHITE FEEDING SUGAR BEET—This grand feeding beet, introduced by us in 1900, has found great favor with all who have grown it. It combines the fine rich qualities of the sugar beet with the long keeping, large size and heavy cropping qualities of the mangel. The roots are clean and tops small, white flesh, solid, tender and very sweet, and on account of the bigger part of its length growing out of the ground they are easily harvested. This variety is a heavier cropper than our Rose, but not quite so rich in sugar. A remarkable crop. Mr. James Jarvis, Burlington, Ont., from seed of Bruce's Giant White Feeding Beet, grown on ¼ acre of exceptionally fine under-drained swamp land, harvested in 1906, 620 bushels, the average weight of the roots being about 20 lbs. each. A few monstrous specimens reached nearly double that weight. The roots are the largest, handsomest, most uniform and cleanest of all Sugar Beets, and this, combined with the richness and easy harvesting quality, makes them the "beau ideal" of a root for the farm. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. 90c. **The best Feeding Beet or Mangel on the market. We lead all competitors; refuse all substitutes.**

Bruce's Giant Rose Feeding Sugar—Has all the good qualities of above variety, only differing in color, which is rose outside, though the flesh is white, and the roots are barely as large or heavy as the White. It will easily outyield all the other kinds of Sugar Beets and comes very close to that of the heaviest yielding Mangels of the intermediate type. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Vilmorin's Improved—Bulbs of small size, but contain a larger percentage of sugar than any other variety on the list. It is chiefly grown in Europe for sugar-producing purposes, for which use it must be grown entirely under ground, but need not be so cultivated when grown for stock feeding purposes. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. 90c.

FIELD CARROT

An indispensable root for the farm, and is deserving of more general cultivation. Succeeds best in sandy soils; will also do well on strong clay loams, when perfectly pulverized, well drained and free from weeds. Well managed, there is no crop pays better, and most farmers would find an acre or so desirable. Sow from middle of April to 1st of June, in drills 18 to 20 in. apart, and when about 3 in. high thin to 4 in. between each plant. Sow 3 lbs. seed to acre.

BRUCE'S MAMMOTH INTERMEDIATE SMOOTH WHITE—This grand half-long Carrot is longer than the White Vosges and more uniform in shape. Flesh is pure white, solid, of finest quality. Is most productive and easily harvested, a splendid keeper. This carrot is sold under numerous aliases; our name for it is simply descriptive of the appearance of the best of all Field Carrots. **We have every confidence in recommending it, and know our strain to be at least the equal of anything offered.** ¼ lb. 15c, ½ lb. 30c, lb. 50c.

Large White Vosges—The root is large and very thick at the shoulder, much shorter than the White Belgian, and thus more easily harvested, skin and flesh pure white; a wonderful cropper and of excellent feeding quality. ¼ lb. 15c, ½ lb. 30c, lb. 50c.

Bruce's Mammoth Intermediate Carrot.

FIELD CARROT—Continued.

White Belgian (Improved)—Well known variety of fine quality, most profitable for field culture. ¼ lb. 15c, ½ lb. 25c, lb. 40c.

Intermediate Scarlet—Valuable for shallow soils. ¼ lb. 20c, ½ lb. 35c, lb. 60c.

Long Orange Belgian—Superior in quality and a heavy cropper. ¼ lb. 15c, ½ lb. 30c, lb. 50c.

Long Orange—Large, fine quality. ¼ lb. 20c, ½ lb. 35c, lb. 60c.

Altringham—Long, deep red color. ¼ lb. 20c, ½ lb. 35c, lb. 60c.

MANGEL WURZEL—CHOICE SELECTED STOCK

This is one of the most important crops cultivated for consumption on the farm, and in the vicinity of large towns is found to be a profitable crop for marketing. It is of easy culture. The weight of roots grown exceeds that of any other crop, and properly supplied to stock is perhaps the most valuable and nutritious. One of its best properties consists in its adaptation for long and safe storage, by which it is improved, as roots securely put into pits or cool cellars in October will come out in the early part of May containing more nutritive qualities than when put in, forming an admirable substitute for grass in a late season.

The heaviest crops of this root are invariably grown upon land which has been thoroughly cultivated and liberally manured.

The seeds should be drilled to secure uniform depth, at the rate of 5 to 6 lbs. per acre. Sow from middle of April to 1st of June, in drills 2½ to 3 ft. apart, and thin to 16 to 20 inches in rows. The intermediate, from its peculiar shape, may be allowed to stand closer than other varieties. For feeding milch cattle it stands unrivalled. An average crop is 30 tons, and on some of the sewage farms in England the enormous yield of 80 to 90 tons has been grown.

MANGEL WURZEL—LONG VARIETIES.

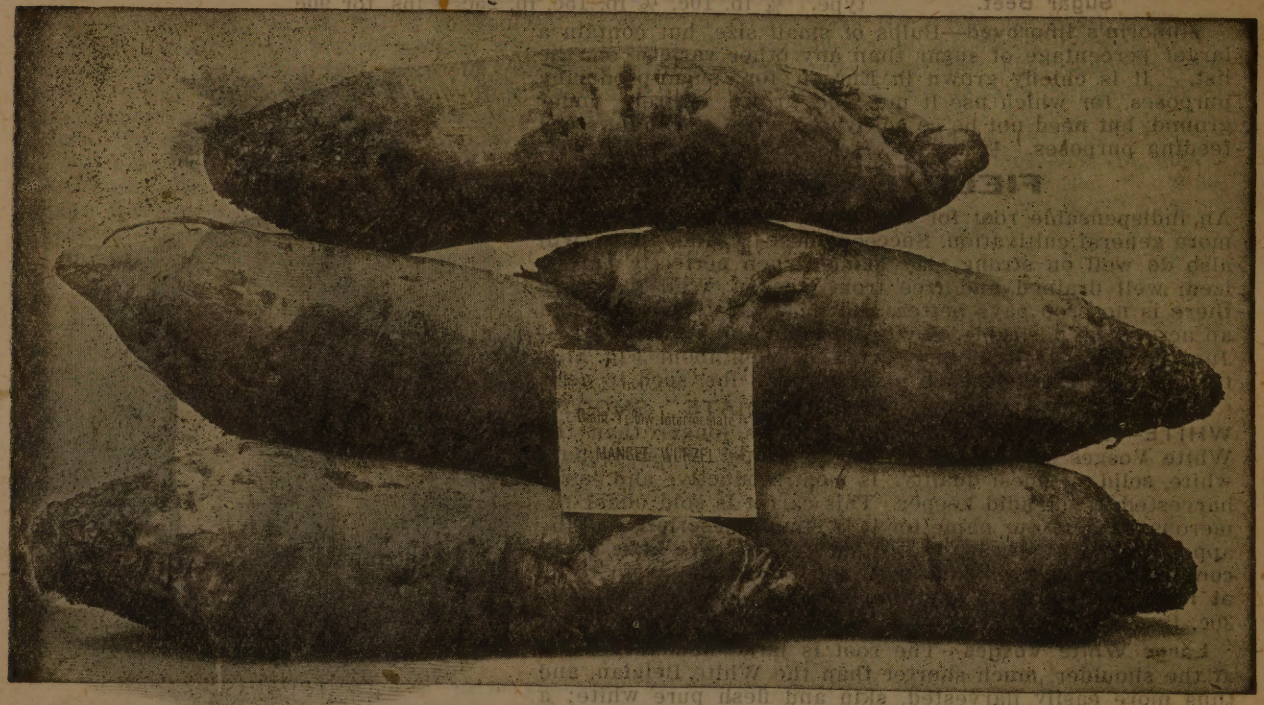
The following are the best adapted for deep, rich, loamy soil:

Bruce's Gate Post—A select stock of the Mammoth Long Red. Roots remarkably large, smooth, and perfect in shape. The most profitable of the Long Red varieties. Our stock cannot be excelled. Mr. T. Hines, Glanford, exhibited at Mount Hope Exhibition in 1902 six Bruce's Gate Post Mangels, grown from our seed, which weighed 197 lbs., one weighing 41 lbs. This, we think, is a record. **We recommend this splendid variety with the greatest confidence. In the trials at the Central Experimental Farm, Ottawa, for many years the Gate Post frequently headed the list.** ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Mammoth Long Red—A well known and popular strain. ¼ lb. 10c, ½ lb. 15c, lb. 20c, 4 lbs. for 70c.

Long Yellow—A good variety, producing large roots. ¼ lb. 10c, ½ lb. 15c, lb. 20c.

Bruce's Gate Post Mammoth Long Red Mangel.



Bruce's Giant Yellow Intermediate Mangel—See page 33.

BRUCE'S BIG FOUR FIELD ROOT SPECIALTIES—See inside back of cover.

MANGEL WURTZEL—Continued. **GLOBE AND INTERMEDIATE SHAPED VARIETIES.**

BRUCE'S GIANT YELLOW INTERMEDIATE—This grand Mangel, which we introduced in 1891, is without a doubt the favorite with all cattle men at the present day. The large size of the roots, their uniformity, handsome shape, bright smooth yellow skin, flesh of the most solid texture, nutritious and splendid keeping qualities, make it one of the most valuable introductions of recent years. While in point of size they will not equal the best of the long varieties, yet in the yield per acre they have frequently produced as much, and in richness they far exceed the best long varieties, added to which they are much more easily harvested, about half of their length being above the ground. We have kept our stock fully up to the original high standard, and it will pay every grower to procure our grand strain of this unequalled variety. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Mammoth Yellow Intermediate, or Leviathan—Similar to Bruce's Giant, but not as good a stock. ¼ lb. 10c, ½ lb. 15c, lb. 20c, 4 lbs. for 70c.

Golden Tankard—Flesh golden Yellow. This Mangel contains more saccharine and a higher proportion of flesh forming constituents than any other mangel excepting Bruce's Giant Yellow Intermediate. ¼ lb 10c, ½ lb. 15c, lb. 20c, 4 lbs. 70c.

Mammoth Red Intermediate—Yields enormously. ¼ lb. 10c, ½ lb. 15c, lb. 20c.

Red Globe—¼ lb. 10c, ½ lb. 15c, lb. 20c.

Yellow Globe—¼ lb. 10c, ½ lb. 15c, lb. 20c, 4 lbs. 70c.

Bruce's Giant Sugar—Combines the rich qualities of the Sugar Beet with the long keeping large size and heavy cropping qualities of the mangel. Roots are clean, tops small, flesh white, solid, tender and sweet and easily harvested. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. 90c.

TURNIP SEEDS

The Turnip is now one of the most important crops grown on the farm, and its success no doubt depends greatly on the preparation of the soil and the judicious application of manure, but not less so on the quality of the seed and the care exercised in the selection of the bulbs from which the seed is saved. Impressed with this fact, we have for many years paid special attention to the growth of our Turnip Seed, and the increased demand we experience each sucessive season, as well as the gratifying accounts we receive from all parts of the Dominion as to the excellence of our Turnip Seed, affords us satisfactory evidence as to the superiority of our stocks and the success that has attended our efforts. Sow in June in drills; two pounds to the acre.

Improved Hall's Westbury—A well known standard purple top variety of handsome appearance, fine quality, large and solid, a grand keeper and one of the best shipping turnips known. We are satisfied that no better stock of this grand variety can be obtained anywhere; this is one of our best selling varieties. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Magnum Bonum Purple Top—A fine new Swede of large size, fine color, and extra good quality; a heavy cropper. Recommended by the Ontario Agricultural College. ¼ lb. 10c, ½ lb. 15c, lb. 25c.

Drummond's Purple Top—A splendid Scotch variety of great excellence; globular in shape, large solid, and of finest quality. ¼ lb. 10c, ½ lb. 15c, lb. 20c.

Carter's Imperial Purple Top—One of the hardiest and best keepers. ¼ lb. 10c, ½ lb. 15c lb. 20c.

Sutton's Champion Purple Top—A standard variety. ¼ lb. 10c, ½ lb. 15c, lb. 20c.

BRUCE'S SELECTED PURPLE TOP—This fine variety has been carefuly selected and improved so as to obtain a globular shaped root, free from least tendency to coarseness; it is particularly adapted to the richer description of soils, and for long keeping qualities cannot be surpassed. It is a grand shipping variety, of splendid quality, and a great favorite and our stock is fully up to the past high standard and cannot fail to give entire satisfaction. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Elephant or Monarch—We offer a grand stock of this handsome tankard-shaped variety. The upper part of the root is dark purplish crimson, the flesh deep yellow, solid and nutritious. Matures early and produces more weight to the acre than any other variety. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Skirving's Improved Purple Top—This is a strong grower and heavy cropper, but runs to neck on rich ground. ¼ lb. 10c, ½ lb. 15c, lb. 20c.

SWEDE TURNIPS—Continued.

Bruce's New Century Swede Turnip. The best of all Swedes.

BRUCE'S NEW CENTURY—A purple topped variety, resembling Westbury, of splendid uniform growth, roots clean and of handsome shape. It resists mildew better than any other Swede. It is the best shipping variety. Used for cooking purposes, it is unexcelled. In sections where large quantities are grown for the American market, the growers and shippers will have no other. **Very short crop...Refuse all substitutes.** ¼ lb. 15c, ½ lb. 25c, lb. 40c, 4 lbs. $1.40.

Kangaroo—A very hardy Swede, similar in size and growth to the Elephant; color a bronze green, possessing the heavy cropping features of the Elephant with the grand constitution of the best types of Bronze Green Top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. ¼ lb. 10c, ½ lb. 15c, lb. 25c.

Laing's Improved Purple Top—Fine for table use. ¼ lb. 10c, ½ lb. 15c, lb. 25c.

Halewood Bronze Top—A favorite Scotch variety, heavy croppers, good keeper, closely resembling Kangaroo. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Fettercairn Green Top—Will keep sound longer than any other variety; fine quality. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. 90c.

Royal Norfolk Purple Top—A heavy cropper and a good keeper, one of the best on our list for strong, heavy land. ¼ lb. 10c, ½ lb. 15c, lb. 20c.

Hartley's Bronze Top—Small neck and single tap roots, very rich in quality and a first rate keeper. A great favorite in certain sections and demand constantly increasing. Our stock is very fine. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

White Swede—Remarkable for its nutritious properties, hardiness and long keeping. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

YELLOW FLESHED TURNIPS

May be sown from the first week in July to middle of August, either after it is considered too late for Swedes, or on land of not sufficiently good quality to produce Swedes, or when there is an absence of a supply of manure.

Purple Top Yellow Aberdeen—Similar in quality to Green Top. ¼ lb.10c, ½ lb. 15c, lb 25c, 4 lbs 90c.

Green Top Yellow Aberdeen—A hardy and excellent variety. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

WHITE FLESHED TURNIPS

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

White Globe—Grows very large, is early and of fine quality. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Red Globe Norfolk—Skin red where exposed to sun, white under ground, flesh white, medium size, should be fed early. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

Grey Stone—Grows to an immense size, is early hardy, excellent quality. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. for 90c.

White Stone or Stubble—A well known and excellent variety. ¼ lb. 20c, ½ lb. 35c, lb. 60c.

Red Top Strap Leaf—A rapid grower; valuable variety for late sowing. ¼lb. 15c. ½lb. 25c, lb. 45c.

Cow Horn—Roots long, flesh white, fine grained, matures quickly, half its length above ground. ¼ lb. 15c, ½ lb. 25c, lb. 40c, 4 lbs. for $1.40.

SOWING RAPE

Largely grown for soiling purposes; it is also excellent for sheep, and is strongly recommended as a most profitable crop for stock raisers to grow. Sow at the rate of six pounds of seed per acre, and successional sowings, beginning in May, will insure crops from August onward.

Broad Leaved Essex—Lb. 11c, 10 lbs. $1.00, 25 lbs. $2.25, 100 lbs. $8.00.

THOUSAND HEADED KALE

For the purpose of the sheep farmer there is no forage crop equal to this, both as regards its productive qualities, nutritive value and hardiness, withstanding severe frosts. In Britain it is largely supplanting Sowing Rape, which it largely outyields. Sow early in April up to midsummer, 3 lbs. to the acre broadcast, or 1 lb. to acre in rows 18 inches apart. It grows very rapidly, 3 to 4 feet high, branches out right from the bottom, and is covered with small whorls of leaves, and after being fed it grows with increased rapidity. The roots penerate to a great depth, so that drouth does not affect it. It is greatly relished by hogs, cattle and sheep, and is well worthy of a trial. ¼ lb. 12c, ½ lb. 20c, lb. 30c, 4 lbs. $1.00.

BARLEY

Read's Triumph—New—See Novelties.

Success—A distinct variety, quite beardless, and fully a week or 10 days earlier than any other barley. Height same as common, but straw better, and stands up on any land; a good yielder; six-rowed. Peck 30c, bushel $1.00.

Mandscheuri—The best standard variety. Peck 30c, bushel 90c.

White Hulless—Beardless, grows quickly, 60 lbs. to bushel, good yielder. Peck 40c, bushel $1.35.

Black Hulless—Highly recommended for hog feed 60 lbs. to bushel. Peck 40c, bushel, $1.35.

BUCKWHEAT

Common—Well known. Peck 30c, bushel 95c.

Silver Hull—The leading variety. Peck 30c, bushel $1.00.

Japanese—Very large and productive. Peck 35c, bushel $1.20.

Above varieties Barley and Buckwheat, 15c lb., 5 lbs. 65c. Postpaid to Canadian Points.

BROOM CORN.

Long Bush Evergreen—Lb. 10c, 10 lbs. 90c. If by mail add postage.
Succeeds in good deep soil; it is very sensitive to cold.

Angel of Midnight Corn.

BEANS—Field.

Where the soil is suitable beans will be found a most profitable crop to grow, and at the same time there is nothing better for keeping the ground clean. We offer the following varieties:

Medium White or Navy—The standard variety Peck 60c, bushel $2.25.

White Pea—A splendid cooking variety. Peck 60c, bushel $2.25.

White Marrowfat—Very large, fine quality. Peck 70c, bushel $2.50.

Yellow California—The best cooking variety. Peck 70c, bushel $2.50.

Above varieties, 20c lb., 5 lbs. 75c. Postpaid to Canadian Points.

KAFFIR CORN

A non-saccharine sorghum fodder plant. It grows from 5 to 6 feet high, stocky and erect, wide foliage, and has the quality common to all sorghums, of resisting drought. Sow in drills 5 lbs. seed to acre and cultivate the same as common corn or broadcast half bushel to the acre. Lb. 10c, 10 lbs. 50c. If required by mail add postage.

CORN—FIELD VARIETIES

Australian Extra Early Eight-Rowed White Flint—This superior variety, introduced by us in 1907, has given unqualified satisfaction to those who have tried it. Remarkably early, ripening fully two weeks ahead of Compton's. It is unusually productive, the ears being very long, the grain large, and the cob small. Hardiest known variety; will thrive at an altitude of 6,000 feet, where the climate is always too cold for ordinary corn; a great drouth resister; will produce crops when other sorts fail. Shelled, peck 50c, bushel $1.75.

Compton's Early Twelve-Rowed Yellow—Owing to its earliness and productiveness this variety has given great satisfaction; it is also highly recommended as a fodder corn. Shelled, peck 45c, bushel $1.60.

Angel of Midnight—This is an extra early eight-rowed Yellow Flint variety; the grains are very large and compactly set on a very small cob. Shelled, peck 45c, bushel $1.50.

North Dakota Early White Flint—A very profitable variety. Shelled, peck 45c, bushel $1.50.

Longfellow—A most desirable eight-rowed Yellow Flint variety. Shelled, peck 45c, bushel $1.50.

King Philip—A favorite in some localities. Shelled, peck 45c, bushel $1.50.

Above varieties, 15c lb., 5 lbs. 65c. Postpaid to Canadian points.

CORN—FOR FODDER AND ENSILAGE PURPOSES

Our list of Corn embraces all the varieties that careful experiments have demonstrated to be the most valuable for cutting for green fodder and for use in the silo for winter feeding. Dairying has become such an important industry in Canada that any new introduction that tends to increase the products of the cow is sure to attract attention, and for this reason dairymen are close observers of the varieties that produce the best results. For cutting green we believe the Evergreen Sweet Corn will be found the most valuable on account of its richness, while the Dent varieties are better adapted for the silo, as they are less liable to become sour. The corn we offer has been specially grown for seed and the germination fully tested.

Mammoth White Cob Ensilage—Similar to Red Cob in most respects. Per bushel, shelled, $1.05.

Mammoth Red Cob Ensilage—A well known variety of great productiveness and most nutritious quality, but not as early as the following varieties. Per bushel, shelled, $1.10.

New Mortgage Lifter, Yellow—A very strong growing Dent variety, producing a great quantity of fodder; grains long, cobs small, ears fine shape and large with from 10 to 18 rows on each. Bush $1.25.

White Cap Yellow Dent—Expert corn growers pronounce it a perfect field corn as to yield, size of ear, color, size of cob and growth of fodder. It matures in 90 to 95 days. No corn yields as well on poor, thin land, nor stands the drought as well. Per bushel, shelled, $1.25.

King of the Earlies—Yellow. The stalks grow from 6 to 8 feet in height and are thickly furnished with foliage close to the ground. Ears medium in length. Cob small, closely set with long deep kernels. Extra early. Per bushel, shelled, $1.25.

Legal Tender—Yellow. A handsome strong growing productive early variety; highly recommended. Per bushel, shelled, $1.25.

Above varieties 15c per lb., 5 lbs. 65c. Postpaid to Canadian points.

All prices on this page subject to market fluctuations. Bags extra.

CORN—For Fodder and Ensilage Purposes—Continued.

Bruce's Improved Leaming Yellow—A splendid variety for withstanding drought by reason of its earliness in maturing, strong and vigorous growth, and its stocky, leafy nature, which enables it to stand until ripe. Per bushel, shelled, $1.25.

Reid's Yellow Dent—A well known variety largely grown for exhibiting at fairs, and is used as a standard for judging at corn schools. Of handsome shape and color. Per bushel, shelled, $1.25.

Evergreen Sweet Fodder—This is the sweetest and most nutritious of all the fodder varieties, and will be found most valuable for cutting and using as green fodder. Bushel of 40 lbs., shelled, $2.00.

Cloud's Early Dent Yellow—Early, very prolific, strong and vigorous, growing from 8 to 10 feet high, producing large, handsome ears, with unusually deep grains. Per bushel, shelled, $1.25.

Early Mastodon, Yellow—This early Dent variety has the greatest number of rows on cobs and the longest grains of any corn so far originated. A strong and vigorous grower; very productive. Per bushel, shelled, $1.25.

Cuban Giant, Yellow—It outyields the Red Cob and is ten days earlier; the fodder grows on the stalks in great quantities and is of the finest flavor, almost as sweet as sugar corn. The grains are yellow, large, broad, long, and of great vitality. Per bushel, shelled, $1.25.

Early Butler Dent Yellow—The fodder of this new sort grows up strong and rank. It roots deeply and withstands drought. Ears of good size. Matures in 90 to 100 days. Per bush. shelled, $1.25.

Wisconsin White Dent—A popular variety in some districts. Per bushel, shelled, $1.25.

Above varieties, 15c lb, 5 lbs 60c. Postpaid to Canadian points. Prices subject to Market Fluctuations.

CLOVER AND GRASS SEEDS

The large increase in our home and foreign trade made it imperative for us to introduce into our premises the most modern machinery, which is run by electric power, and we have now the perfection of appliances for turning out superior samples of Seed Grain, Clover and Grass Seeds. Increased sales, and the complimentary references to the quality of our shipments has been ample compensation for our expenditure in this department; and our long connection with the best growers in the seed producing districts gives us exceptional advantages in securing the best samples offered.

GOVERNMENT STANDARD GRADES.

By the provisions of the Seed Control Act, which came into effect on the 1st September, 1905, the seeds of certain weeds are prohibited in Cereals, Grasses, Clovers and Forage Plants where the seed is sold as number one or first quality; and the lowest grade permissible under the Act for seeds of Timothy, Alsike or Red Clover, for the purpose of seeding in Canada, is five weed seeds to one thousand of the seed sold. Under the clauses of the Act all persons are prohibited from selling seeds below the minimum standard fixed by the Government and are liable for fines and imprisonment for non-observance of its provisions.

As usual we have exercised the greatest care to secure the finest quality of seed obtainable, and with the most modern cleaning machinery we are enabled to offer samples which we feel assured will satisfy the most critical buyer. The conditions imposed by the Act have placed a premium on the best grade of seed, but in our transactions extending 60 years with the agricultural community, the question of quality with the great majority is a more important consideration than price, and it the trade of the majority we cater for.

Clover Seed being subject to constant variations, prices will be ruled by market. Write for special prices by peck or bushel.

Common Red—A well known variety. Lb. 25c, 10 lbs. $2.00.

Mammoth Red or Pea Vine—Valuable for plowing under for manure. Lb. 25c, 10 lbs. $2.00.

Yellow or Trefoil—Valuable for pasture. Lb 20c, 10 lbs $1.80.

White Dutch—Esteemed for permanent purposes. Lb. 25c.

White Dutch—Extra selected for lawns. ¼ lb. 10c, lb. 35c.

Lucerne Clover.

Lucerne, French, Alfalfa or Chilian—An invaluable and certain crop as green food for horses and cattle, and one of the best forage plants for withstanding drought. Should be sown from middle of April to middle of May, in drills 12 inches apart, and may be cut 3 or 4 times a year. It thrives upon any soil where drainage is good, and as the roots penetrate the soil to a great depth, reaching the moisture, it continues green in driest weather. Sow 15 to 20 lbs. to acre. Lb. 25c, 10 lbs. $2.20.

Lucerne (Alfalfa) Turkestan—Same as above, but hardier, and withstands drought better than the ordinary. Lb. 30c, 10 lbs. $2.80.

Bokhara (Melilotus Alba)—A very vigorous growing variety; blooms early in August; about two feet high. Sow in spring. The flowers are white and very sweet scented, very valuable for bees. Lb 35c

Alsike (Trifolium Hybridum)—Excellent for low lands. Lb. 20c, 10 lbs. $1.80.

Crimson or Scarlet Clover (Trifolium Incarnatum)—Is an annual. Improves poor land and restores to fertility those that are worn down by excessive cropping. Grows at all times except when the ground is frozen. May be sown in spring, summer and fall. Splendid for reseeding Red Clover that has been winter killed. This Clover is extensively grown in the United States, and we give the latest methods adopted there for its cultivation, etc. Sow 12 to 15 lbs. broadcast per acre, cover light. All soils and situations seem to suit it. Try it on your poorest. If sown early, it makes superior fall and spring grazing, and afterwards a good crop to mow. It is about 15 days eardier than Red Clover, and as a fertilizer one acre represents as much value as twenty tons of stable manure. Lb. 15c, 10 lbs. $1.30. **If going by mail add postage to above prices of Clover.**

GRASS SEEDS

Greater attention is being given yearly to the improvement of pastures, and it has been found that where a mixture of permanent grasses has been added to Clover and Timothy, which have heretofore been almost the only seeds used, a better heat resisting sod and a richer and more lasting pasturage has been secured, and the result is of the utmost importance in our dry, hot climate. Many of the grasses contained in our list will be found invaluable for this purpose.

PRICES SUBJECT TO MARKET FLUCTUATIONS. SPECIAL PRICES BY THE BUSHEL.

Red Top Grass (Agrostis Vulgaris)—A valuable native permanent grass, growing in almost any soil, moist or dry, and standing well our hot climate. Best for low ground. Sow two bushels to the acre. Weight per bushel, 14 lbs. Lb. 15c, 10 lbs. $1.30. Fancy for lawns, 25c lb., 10 lbs. $2.30.

Foxtail, Meadow (Alopecurus Pratensis)—One of the best grasses for permanent pastures, possessing the three great requisites of quantity, quality and earliness. it is particularly adapted for moderately stiff clay and heavy soils; 30 lbs. to acre. Lb. 40c, 10 lbs. $3.50.

Sweet Vernal Grass (Anthoxanthum Odoratum, perennial)—For a pasture mixture it is valuable on account of the fragrant odor it imparts to the hay. Sow 35 lbs. to the acre. Lb. $1.00.

Oat Grass (Avena Elatior)—Is most valuable for pasture on account of its early and luxuriant growth. It produces an abundant supply of foliage, which is relished by cattle early and late in the season. Lb. 40c, 10 lbs. $3.50.

Bromus Inermis (Hungarian Forage Grass)—A hardy deep rooted species, which has proved highly suitable for Manitoba and the Northwest. Sow 20 to 25 lbs. to acre. Lb. 20c, 10 lbs. $1.80.

Orchard Grass (Dactylis Glomerata)—A valuable grass on account of the quantity of nutritious feed which it yields, and the rapidity with which it grows after being cut or grazed; well adapted for growing in orchards. If allowed to stand for hay it has a rather coarse appearance, but if grazed it has always a fresh green hue. Sow two bushels to acre; weight per bushel 14 lbs. Lb. 30c, 10 lbs. $2.50.

Meadow Fescue (Festuca Pratensis)—Valuable for permanent grass lands. It does not, however, attain its full productive power till the second or third year, when it exceeds most other sorts in productiveness and nutritive matter; relished by stock both in hay and pasture. Sow 40 lbs. to the acre. Lb. 50c, 10 lbs. $4.50.

Timothy (Phleum Pratensis)—So well known needs no description. Sow 12 lbs. per acre. Lb. 10c, 100 lbs. $8.00.

Italian Rye Grass (Lolium Italicum)—One of the most valuable grasses in Europe, considered the best grass to cut green for soiling, affording repeated large and nutritive crops. Sow 3 bushels to the acre; weight per bushel 18 lbs. Lb. 20c, 10 lbs. $1.50.

Canadian Blue Grass (Poa Compressa)—A native grass, which should be in every pasture mixture; will do well on dry soils, or even on clay, hard trodden or poor soils. On account of creeping root stock it forms a splendid turf. Lb. 15c, 10 lbs. $1.35.

Kentucky Blue Grass (Poa Pratensis)—Thrives on a variety of soils, but does best in dry and somewhat shady locations. It will stand the hottest summers. Sow 3 bushels to the acre; 10 lbs. per bushel. Lb. 20c, 10 lbs. $1.90.

Wood Meadow Grass (Poa Nemoralis)—There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but succeeds where few other grasses can exist. Very early, of bright rich green. Sow 25 lbs. to the acre. Lb. $1.00, 10 lbs. $9.00.

Evergreen Meadow Grass (Poa Sempervirens)—Noted for perpetual greenness, earliness in spring, and the rapidity with which it produces leaves after being eaten or cut, its thick growth, firmness of foliage and capability of growing under shade of trees render it a most desirable grass for lawns, parks, or pastures. Sow 40 lbs. to the acre. Lb. $1.00, 10 lbs. $9.00.

Sheep Fescue (Festuca Ovina)—Grows naturally on light, dry and sandy soils; smaller than the other Fescues, but on account of being very nutritious it should always enter into the composition of sheep pastures, as sheep are very fond of it. Sow 30 lbs. per acre. Lb. 40c, 10 lbs. $3.50.

Sainfoin (Hedysarum Onobrychis)—Recommended by Experimental Farm, Ottawa. Useful fodder plant. Lb. 20c, 10 lbs. $1.50.

English Rye Grass (Lolium Perenne)—One of the staple grasses of Great Britain, entering largely into the composition of most of the richest meadows and pastures. Sow 3 bushels to acre; weight per bushel 22 lbs. Lb. 20c, 10 lbs. $1.50.

Bruce's Mixture of Permanent Grasses and Clover Seeds for Laying Down Land to Pasture

When ordering permanent Grass Seeds it is necessary that our customers should describe the nature and situation of the soil, subsoil, etc., and state whether they are to be sown with or without crop. Our mixtures are composed of the best Clovers and Grasses, and arranged in proper proportions to suit the various soils for which they are intended, our aim having always been to produce a rich and nutritious herbage in the shortest possible time. 25 lbs. per acre. Price $4.00 to $5.50 per acre, according to quality.

Below we give the Ontario School of Agriculture, Guelph, formula of Grasses and Clovers for permanent pastures:

Six lbs. Meadow Fescue, 3 lbs. Timothy, 2 lbs. Canadian Blue Grass, 3 lbs. Orchard Grass, 3 lbs. Red Top Grass, 4 lbs. Lucerne Clover, 1 lb. White Dutch Clover, 1 lb. Alsike Clover, 2 lbs. Red Clover, total 17 lbs. Grasses and 8 lbs. Clovers being the quantities required for an acre. 25 lbs. $5.50.

Clovers and Grass Seeds going by mail require 5c per lb. additional for postage to all Canadian points, and 16c per lb. to the United States and Newfoundland. When ordering Grains, Clovers and Grass Seeds by the bushel remit 25c each for 2 bushel cotton seamless bags.

Use the Little Giant Seeder for sowing Clover and Grass Seeds. See Page 100. Price $1.75.

Bruce's Selected Mixture of Grass Seeds for Lawns

The annual increase in our sales of Lawn Grass Seed is the best assurance of its superiority; and the testimony of those who have used it justifies our claim that it is the most perfect mixture in use for Lawns, Croquet, Golf, Cricket and Lawn Tennis Grounds.

Our mixture is composed of grasses especially selected to produce a close evergreen sod, calculated to withstand to the best advantage the summer heat, and sufficiently hardy to live through the extreme frosts of our northern winters. The greatest care is exercised in the selection of our grass seeds to use only such samples as are absolutely free from weeds, as it is generally found in the preparation of a new lawn that weeds indigenous to the soil are too plentiful without sowing them in a lawn mixture. A top dressing of thoroughly rotted manure in the fall, and a good sprinkling of bone dust in the early spring, with the addition of a light seeding, are great aids in the preservation of the sod. Sixty pounds of seed is sufficient for an acre, and one pound will sow a plot 15 x 20 feet, or 300 square feet. 25c per lb, $22.50 per 100 lbs. Postpaid to Canadian points, 30c per lb.

Bruce's Special Mixture for Shady Places—35c lb., 100 lbs. $32.50. Postpaid to Canadian points, lb. 40c.

Bowling Green Mixture of Grasses—25c lb., $22.50 per 100 lbs. Postpaid to Canadian points, 30c lb.

Pure White Dutch Clover for Lawns—¼ lb. 10c, lb. 35c. Postpaid to Canadian points, 40c lb.

MILLETS

Annual forage plants, valuable for furnishing green fodder and hay in from 60 to 90 days from sowing, producing on good soils extraordinary yields of excellent forage, highly relished by stock. All varieties should be cut in the blossom. Sow from ½ to ¾ bushels per acre.

Common Millet (Panicum Miliaceam)—Very early; height 2 to 3 feet; foliage very broad and very abundant; heads very open, branching panicles, seeds glossy, oval, and somewhat flattened. Peck 40c, bushel $1.40.

German or Golden Millet (true)—Medium early; height 2 to 3 feet; foliage closely condensed; spikes very numerous; seeds round, in rough bristly sheaths. Peck 50c, bushel $1.70.

Hungarian (Grass) Millett (Panicum Germanicum)—Early; height 2 to 3 feet; abundant foliage and slender heads; withstands drought and yields well on light soils. Peck 40c, bushel $1.40.

Above varieties 12c per lb., postpaid to Canadian points. Prices subject to market fluctuations.

New Japanese—Very heavy yielder. Grows about 6 feet high; covered with leaves; very juicy; an excellent green fodder and valuable when cured for silo. Sow 15 lbs. to acre broadcast, or 10 lbs. in drills. Also called "Billion Dollar Grass." 1 lb. 10c, 10 lbs. 80c, 25 lbs. $1.75. If by mail add postage 5c per lb. to Canadian points.

Pearl Millet, or Pencillaria—Amongst the known forage plants there is found nothing superior to Pearl Millet either in enormous growth or quality. It has produced the most abundantly, and can be cut several times during the season. If you grow green forage try Pearl Millet, and you will find there is nothing better. Drill 2 feet rows, 10 lbs. to the acre. Lb. 10c, 10 lbs. 90c, 25 lbs. $2.00. If by mail add postage 5c per lb. to Canadian points.

EARLY SOY OR SOJA BEANS

It ripens in Canada, grows nearly 4 ft. in height, heavily podded, and has yielded over ten tons per acre. It is said to be a very valuable fodder variety, either for curing, feeding green or for the silo in mixture with corn. A rich, nitrogeneous food unsurpassed as a flesh former, and, like the Clovers, a soil improver. Sow in June broadcast 30 lbs. per acre, or plant in drills 3 ft. apart 1 ft. between the plants. Lb. 15c, peck $1.00, bushel $3.50. postpaid to Canadian points, 20c lb., 5 lbs. for 75c.

COW PEAS

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is superior, especially for medium or light soil. They should be sown towards end of May or in June, at the rate of 1½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known with the results attained from it, the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. The stalk and leaves fed green make excellent fodder. They have been grown with marked success by many of the leading fruit growers in this district during the past few seasons.

Whipporwill—The favorite variety. Lb. 10c, 5 lbs. 40c. peck $1.00, bushel $3.50.

Postpaid to Canadian points, 20c per lb., 5 lbs. 75c. Prices subject to market fluctuations.

FIELD PEAS

Golden Vine—The favorite variety, early, good straw and a splendid yielder. 35c peck, $1.25 bush.

Canadian Beauty—Seed large and white, straw strong and of good quality, heavy yielder. Peck 45c bushel $1.50.

Blue Prussian—Very prolific and excellent for boiling. 45c peck, $1.50 bushel.

Potter—An excellent large white pea, heavy yielder. Peck 40c, bushel $1.40.

White Marrowfat—Prolific, with large pods filled with large peas. Peck 45c, bushel, $1.60.

Black Eyed Marrowfat—Equal to the white variety. Peck 45c. bushel $1.60.

Postpaid to Canadian points, 15c per lb., 5 lbs. for 60c. Prices subject to market fluctuations.

Remember when ordering Grass Seed, Clover and Grain, to remit for cotton bags.

SEED OATS. A CHANGE OF SEED ALWAYS PAYS.

Bruce's Scottish Chief—A variety from Scotland, which has met with unqualified praise from all who have seen it. **After being well tested here for 6 years we recommend it with confidence.** It is an early variety, and produces an excellent straw, which stands up splendidly. It is a heavy white oat, of splendid quality, and yields most abundantly, having beaten every variety in the localities where it has been grown. 80c bushel.

Silver Mine—A very early white oat, ripening with barley, with strong stiff straw of medium height. It stands straight even in windy and wet weather. A very heavy yielder with a large number of oats in each head. Those who have grown it will have nothing else. Bushel 75c.

Early Daubeney—The earliest white oat grown, and the best variety to sow along with barley for a mixed grain crop, as they ripen at the same time. It has medium length straw, a spreading head, and yields fairly well. Bushel 80c.

Twentieth Century—A new heavy yielding variety, thin in hull and a heavy grain, stiff straw and not inclined to rust or smut. Bushel 75c.

Giant Swedish or Golden Giant Side Oat—Grows from 4 to 5 feet high, with strong yellow bright straw; panicles are of great length, the grains closely set and enormously productive. Bushel 75c.

Scottish Chief. New Oat.

Ligowo—Early; grain white, plump and heavy; straw stiff, clean, and of medium length, a vigorous grower, and prolific. Bushel 75c.

Sensation—White, early; straw stiff and bright; head long, open and pyramidal; grain plump and heavy; very productive. Bushel 75c.

American Banner—The grain is white, of medium size, plump and even, the straw stands up well. We recommend it highly. Bushel 75c.

Siberian White—An early, productive variety, claimed to be rust proof, straw is stiff and strong, grain handsome, plump, and valuable for feeding on account of its thin hull. Highly recommended. Bushel 75c.

Read's New Green Mountain—See Novelties.

Black Tartarian—Imported Scotch pedigree stock. A grand oat and splendid yielder. Bushel $1.40. Postpaid to Canadian points, 5 lbs. 75c.

Black Tartarian—The favorite black oat, early and a good yielder. Canadian grown from the imported Scotch pedigree stock. Bushel 80c.

Black Goanette—Very productive, best suited for heavy lands. Bushel 80c.

Any of the above varieties, except where noted, postpaid to Canadian points, 5 lbs. for 60c.

RYE

Spring—An excellent catch crop for fodder or grain. 50c peck, $1.50 bushel.

Fall—The variety commonly cultivated for grain, straw, green fodder, etc., 30c peck, $1.10 bush.

Above varieties postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

EMMER (also called Speltz)

It is claimed that this new grain is superior to all other grain for fattening sheep, poultry, cattle, horses, pigs, etc. It is excellent for pasture, and can be fed in a green state also; grows well and produces large crops on poor soil, while dry weather appears to have no effect on it. It is a wonderful stooler. Prepare land as for any other grain, and sow about 60 lbs. to acre; cut when the grain is past middle stage of milk, thresh like wheat, only not so closely. Peck 40c, bushel of 40 lbs. $1.20. Postpaid to Canadian points, 1 lb. 15c, 5 lbs. 60c.

TARES OR VETCHES

Black Spring—Species of Pea, grown for soiling or sown with oats for feeding green. 1 lb. 15c, 5 lbs. 70c, postpaid to Canadian points. By freight, peck 70c, bushel $2.50.

Sand or Hairy—It succeeds and produces good crops on poor sandy soils as well as on good land; grows to a height of four to five feet. It is perfectly hardy, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs. per acre with one-half bushel of rye, oats or barley. Lb. 15c, peck $1.50, bushel of 60 lbs. $5.25. Postpaid to Canadian points 20c lb., 5 lbs. for 85c.

SPRING WHEAT

Manitoba Red Fife } —Very productive, splendid milling varieties. Pk. 45c, bushel $1.60.
Manitoba White Fife }

Read's New Reliable—See Novelties.

Postpaid, 15c lb., 5 lbs. 60c.

White Russian—An excellent all-round variety. Peck 45c, bushel $1.60.

Wild Goose—Very productive, bearded head with white chaff, straw stiff, grain hard and flinty, midge proof. Peck 40c, bushel $1.40.

Prices on this page subject to market fluctuations.

NEW COTTON BAGS

	Each.	Per doz.	Per 100
Smith Mills W	24c	$2 75	$21 00
X	26c	3 00	23 00
Spring Grove, B	27c	3 15	24 00
Eagle B	30c	3 50	27 50
Stark Mills	31c	$3 60	$29 00
Hochelaga H	31c	3 60	29 00
Blue Grass Sacks, Jute	18c	2 00	16 00
Potato Bags, Jute	13c	1 45	14 00

Three supplied at dozen rate; 25 at hundred rate.

MISCELLANEOUS

Beans—Lima, cooking, lb. 10c, 3 lbs. for 25c.
Beans—Red Kidney, cooking, 1 lb. 10c, 3 lbs. 25c.
Bibby's Cream Equivalent—For calves and young pigs. 50 lb. bag $2.25, 100 lb. bag $4.00.
Flax Seed—Choice screened, lb. 5c, 100 lbs. $3.50.
Flax Seed Meal—Pure, lb. 5c, 100 lbs. $3.75.
Lentils—For soup, 15c, 2 lbs. 25c.
Oil Cake—Fine ground, 10 lbs. 25c. 100 lbs. $1.90.
Sugar Cane—Early Amber, lb. 10c, 100 lbs. $6.00.
Sunflower, Giant Russian—¼ lb. 5c, lb. 10c.
Tobacco—Conn. Seed Leaf, pkt. 5c, oz. 30c, lb. $3.
Tobacco—White Burley, pkt. 5c, oz. 50c, lb. $5.00.
Tobacco—Havana, pkt. 5c, oz. 60c, lb. $6.00.
Wild Rice—¼ lb. 10c, lb. 25c, 100 lbs. $20.00.

Postage at the rate of 5c per lb. to Canadian points, and 16c per lb. to Newfoundland and the United States must be added to the above prices if required by mail. Prices on this page subject to market fluctuations.

NITRO-CULTURE

This new method of fertilizing soils is endorsed by the U. S. Department of Agriculture.

The accompanying photograph of garden peas was taken last June, sown side by side on the same day. One row inoculated with your NITRO-CULTURE, the other row uninoculated. On the inoculated row the pods were nearly twice as large, the most of them producing 11 peas in a pod and of better quality, vines stronger and more than double the quantity of peas. NITRO-CULTURE is all right and something we can't afford to do without in the future. I also used NITRO-CULTURE on Sweet Peas where they grew them in the same place every year. The growth was remarkable, producing more bloom, and the vines kept green longer than they ever did before.

Falmouth, Mass., August 6th, 1905. (Signed) JAMES NICOL.

Bug Death Kills Bugs. See page 84.

Specimen plants characteristic of uninoculated and inoculated field of Alfalfa, on farm near Bynum, Harford County, Maryland. The uninoculated plants turning yellow, though sown on ground richer and better than the inoculated field. Gain from inoculation nearly 500 per cent by weight.

IMMENSE CROPS WITHOUT FERTILIZERS

A new, sure and easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer and cheaper—it is to let nitrogen-gathering germs feed the plants. The soil is full of air. Air is four-fifths free nitrogen. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air and feed it to the plants.

These germs come ready for use in a form called Nitro-Culture. It is put up in small dry packages you can put in your vest pocket. Simply add it to water, and sprinkle the water ove rthe seeds before planting. The germs remain on every seed—live with i—increase about it—feed the roots when they start and keep on feeding them. They also enrich the soil by storing nitrogen in it so that the second year's crop, whatever it may be, is increased from 2 to 10 times. When ordering, state what particular crop you desire to inoculate. Crops mentioned together require the same bacteria. Those not mentioned below, there is no bacteria for.

Alfalfa or Lucerne.
Red and Mammoth Clover.
Alsike and White Clover.
Cow Peas.
Garden Peas.
Garden Beans, Wax, Green Pod, Pea and Lima.
Soy Beans.
Field Peas.
Sweet Peas.
Vetch or Tares.
Crimson Clover.

PRICE LIST.

Trial package 60c; 1 acre package, $1.80; 5 acre package, $6 00.

Garden Package—Sweet Peas, 30c; Garden Beans, 30c; Garden Peas, 30c.

Guaranteed to keep six months from date of shipment, and can be used within that time.

Circulars with testimonials on application.

FLOWER SEEDS

A Few Brief Practical Directions on Their Management

To be successful in the raising of plants from seeds requires much greater care than is commonly exercised, and many packets of valuable seeds are annually destroyed for the want of a little skill and forethought. Inattention or want of skill in watering is undoubtedly the main source of failure, *a single hour of a dry surface at certain stages of germination being sufficient in many cases to destroy life.* Amateurs especially are reminded that there can be no fixed time for watering; *the surface of the soil must never be allowed to become quite dry, neither must it at any time become decidedly wet,* and to maintain this intermediate state is one of the essential conditions of success.

FLOWERING PLANTS ARE USUALLY DIVIDED INTO THE FOLLOWING SECTIONS:

ANNUALS, BIENNIALS, PERENNIALS.

Annuals—Plants which require to be sown annually, as they live and bloom only one season.

Biennials—Plants which do not flower until the second season after sowing, remain a certain time in perfection and then die. They are produced from seed and some of the finest varieties are propagated from cuttings.

Perennials—Plants which continue to grow and bloom annually.

Annuals are called either *hardy, half-hardy or tender.* Hardy annuals will grow and blossom in the border without any artificial heat or protection, and may be sown during the months of May and June. The soil should be well prepared and neatly leveled and the seed sown either in small patches, each kind by itself or in drills. In about a month, more or less, many of them will be fit to transplant, which should always be performed in cloudy or rainy weather.

Half-hardy annuals applies to those annuals which, although they will flower freely in the open ground, require artificial heat to assist germination, and protection from atmospheric changes during the earlier stages of their growth, many of them are of great beauty and interest and derive an additional value from flowering after most of the hardy annuals are out of bloom.

Tender annuals require the aid of greenhouse or conservatory to bring them to perfection. The seeds are generally sown in March, placing them in a warm part of the greenhouse or plunging them into a moderate hot-bed carefully protecting them from cold, shading them from the sun and watering them with a fine rose watering pot.

Biennials and Perennials may be sown at the same time as Annuals of the same degree of hardiness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted and planted either in different parts of the garden, or into a nursery bed, in rows a foot or more apart. Some Biennials and Perennials may be sown in September or as soon as the seeds are ripe, and if the plants get strong enough before the setting in of winter, most of them will flower the next season.

On the Preparation and Management of a Hot-Bed for Raising Seedlings.

"Sow in heat, sow in hot-beds," are the directions so commonly found in the notices of half-hardy annuals, that we feel that we shall be materially aiding those who are their own gardeners if we give a few simple directions on the subject of hot-beds composed of stable manure, the most frequent and useful form in which it is to be found.

The preparation of the manure is a matter of great importance, and if the bed be expected to retain its usefulness for any length of time it should be well worked previous to being used. If obtained fresh from the stable yard and found to be dry, it should be well watered and thrown lightly together to ferment This will take place in the course of a few days, and three or four days afterwards it should be completely turned, well shaken and mixed, keeping the more littery portion to the interior of the heap; a second watering and turning may be necessary, although one will be generally sufficient. When thus cleansed of its rankness the beds may be made.

The situation for this should be dry underneath, sheltered from the north as much as possible and fully exposed to the sun; it should be built from two feet six inches to four feet high, and wider by six inches each way than the frame to be placed upon it. The manure should be well shaken and mixed up while being put together, and firmly pressed with the foot. The frame should be kept closed till the heat rises, and three or four inches of sifted sand or ashes should be placed on the surface of the bed. In a few days it will be ready for use, but air should be given night and day while there is any danger of the rank steam, and if the sand or ashes are drawn away from the side of the bed they should be replaced.

BRUCE'S 25 CENT FLORAL COLLECTIONS FOR 1910

The following collections of Flower Seeds are arranged specially for the benefit of purchasers who find difficulty in making a selection where there are so many varieties in a class to choose from. Each collection contains an assortment of the most brilliant shades, giving the greatest diversity of color obtainable, and all are selected from our choicest strains. We offer them at half our catalogue price to encourage the more general cultivation of flowers and to disseminate a knowledge of the different varieties. We have been so successful in capturing the public taste with our selections that we feel a degree of pride in referring to it, and it is our intention to maintain this standard of perfection.

BRUCE'S COLLECTION OF FLORAL GEMS.

Sweet Alyssum, fine for borders.
Stocks, German, ten weeks, fine mixed.
Chrysanthemum Sunflower, very handsome.
Fringed Hollyhock, mixed colors.
Pansy, mixed colors.
Balsam, double flowered, mixed colors.
Dianthus (Pinks), single and double, mixed colors.
Petunia, striped and blotched.
Zinnias, large flowering, mixed colors.
Verbena, all colors.

Ten beautiful varieties for 25 cents.

BRUCE'S EMPIRE COLLECTION OF ASTERS.

Queen of the Market, finest mixed.
Truffaut's Perfection, finest mixed.
Crown, finest mixed.
Late Branching, finest mixed.
Pure White (several varieties).

Five superb varieties, all colors, for 25 cents.

BRUCE'S ROYAL NOSEGAY OF SWEET PEAS

White Wonder.	King Edward.
Sybil Eckford.	Flora Norton.
Agnes Eckford.	Lord Nelson.
Gladys Unwin.	Horace Wright.
Aurora.	Helen Lewis.

Ten exquisite varieties for 25 cents.

BRUCE'S PEERLESS COLLECTION OF DWARF NASTURTIUMS.

Golden King.	Vesuvius.
Lady Bird.	Empress of India.
King Theodore.	King of Tom Thumb.

New "Queens" of Tom Thumb, variegated foliage, mixed colors.

Seven of the finest varieties for 25 cents.

BRUCE'S PEERLESS COLLECTION OF TALL OR CLIMBING NASTURTIUMS.

Firefly.	Sunlight.
Spitfire.	Black Prince.
Vesuvius.	Crimson.
Primrose.	

Seven of the best tall or climbing sorts for 25 cts.

Floral Novelties for 1910

THE DESCRIPTIONS GIVEN ARE THOSE OF THE GROWERS.

Golden African Marguerite

(Dimorphotheca Aurantiaca.) A rare and extremely showy annual from Namaqualand, South Africa. The plants, of very neat branching habit, grow about 12 to 15 inches high, and are exceedingly profuse in flowering. Its Marguerite-like blossoms, 2½ to 2¾ inches in diameter, show a unique glossy rich orange-gold, which brilliant coloring is rendered the more conspicuous by the dark colored disc surrounded by a black zone. This splendid annual is well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations, and will continue to flower during the summer months. Pkt. 25c.

Ageratum, Little Blue Star

This pretty new variety is entirely different from all other dwarf Ageratums. The wee bushy plants do not exceed 4 or 5 inches in height and are literally covered with clusters of small bright blue flowers, which before opening show a reddish purple centre. A splendid plant for borders, edgings, etc. Pkt. 15c.

Cineraria Hybrida Grandiflora Matador

An entirely new color, surpassing by its brilliant splendor, scarlet red, all other shades hitherto known in Cinerarias. A charming novelty and decided acquisition. Pkt. 50c.

Delphinium Belladonna

Everblooming Hardy Larkspur.

This charming new variety is the freest and most continuous blooming of the hardy Larkspur, never being out of flowers from the end of June until cut down by severe frost.

The clear turquoise blue of its flowers is not equalled for delicacy and beauty by any other flower.

Seed sown early in spring will produce plants that will bloom freely through the late summer and autumn. Per pkt. 25c.

Delphinium Belladonna.

Gerbera Jamesoni Hybrida

The horticultural world is in the first instance indebted for these grand new plants to Mr. Lynch, curator of the Botanic Gardens at Cambridge, England, and with the further endeavors of a clever French specialist, who has taken these plants in hand, we have now a galaxy of colors of incomparable delicacy and richness, in which an affinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby red to violet are represented. The starry lightness of these beautiful flowers and their being borne on long and rigid stalks, renders them admirably suited to all kinds of floral decoration, and nothing in fact can excel them for arrangements of the highest artistic character. The flowers have besides the very valuable quality of travelling well and of preserving their freshness for a fortnight, more or less, according to circumstances. This grand race of plants is of easy cultivation, and can be grown in any sunny position out of doors, or as pot plants for winter decoration. Pkt. 35c.

Abundance Stock.

Giant Nice Stock, Abundance

The high value of the present new variety, which is of dwarf habit, does not consist in the color of its flowers, a fine shade of carmine rose, but in its quite phenomenal profusion of bloom, as may be seen faithfully represented in the appended illustration. The extraordinary ramification of the plant is caused by the central stem not pushing upwards, but dividing into 12 to 15 sturdy branches which in their turn each produce 15 to 20 side shoots, forming spikes of magnificent large blossoms. Like all the Nice section, this variety can be cultivated either as a summer or as a winter Stock, and by sowing early in June it may be had in flower by Christmas. "Abundance," which produces 50 to 60 per cent. of doubles, will be found excellent for bedding, for pot culture, and to be one of the very finest of all plants for cutting. Pkt. 25c.

Mignonette, White Pearl

A white flowered variety of the popular Machet Mignonette, of the same stocky, robust growth, producing in great abundance large, broad, conical heads of deliciously fragrant white flowers. Pkt. 10c.

Primula Kewensis

Awarded a First-class Certificate at the Royal Horticultural Society.

This charming addition to greenhouse Primroses originated at the Royal Gardens, Kew. The plant is a strong grower, with bright green leaves, numerous erect flower-scapes, 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant, bright yellow in color. As a winter flowering decorative plant it is an acquisition. The floriferousness in a very small state is quite remarkable; the spikes are useful for cutting, and the flowers continue to open for some time after being placed in water. Pkt. 25c.

Primula Obconica Gigantea

This is the finest of the Obconica type yet introduced, of strong vigorous growth, with extra large individual flowers and flower heads, borne on extremely strong stems. In color they vary from pale lilac to rose, and make handsome specimens for window garden or conservatory decoration, and are a splendid cut flower. Pkt. 25c.

Chrysanthemum Bridal Robe.

Chrysanthemum Inodorum, Bridal Robe

Of compact and upright habit and not exceeding 10 inches in height. The sturdy plants throw out their finely feathered foliage and deck themselves with a mantle of extra double pure white flowers. With their short, closely-set petals resembling very large flowering double Daisies, they appear in such number that a large bed in full bloom may be compared to a drift of snow. Pkt. 10c.

Butterfly Bean.

Butterfly Runner Bean

Phaseolus Multiflorus Papilio.

This new variety is equal to the old Scarlet Runner as regards productiveness and quality of fruit, but is quite distinct and far surpasses it in beauty of its flowers; what chiefly distinguishes the latter is the large size of the prettily waved snowy white wings and the salmon rose of the standard, these two colors making a most agreeable and striking contrast. The seed also is distinct, being mottled brown on white ground. Pkt. 10c.

Salvia Splendens, Fireball

Flowering Sage.

Of the many sorts of Salvia now cultivated, this splendid novelty undoubtedly is one of the best. The bushy plant, 20 inches high, is covered with long, broad flower spikes with a great number of flowers of the most fiery scarlet. The plants branch freely and are profuse bloomers, the side shoots often producing 4 to 6 flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. It is very early flowering, in July, and continuing without a break until frost. It is easily raised from seed, and comes true. Pkt. 15c.

Salvia Compacta Zurich

This is the earliest flowering of all Salvias; compact and dwarf. This grand new variety begins to bloom about the first of July, continuing without interruption until frost. The compact and dwarf habit of the plant makes it most suitable for small beds or borders. Pkt. 15c.

Admiral Poppy

Papaver Paeoniflorum.

This single paeony-flowered Poppy is of surprising beauty. It is characterized by large, round, smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors form an extremely telling contrast, similar to that seen in the variety Danebrog. Planted in groups my new Admiral Poppy, which comes nearly true from seed, produces a magnificent effect. Pkt. 10c.

New Variegated Tall Nasturtiums, Stark's Hybrids

The foliage of these new Nasturtiums is strikingly variegated with cream and gold, some having a distinct scarlet picotee edge. The flowers are a splendid mixture of yellow, yellow with scarlet, scarlet, crimson, ruby, etc. A splendid variety for covering rockeries, etc. Pkt. 10c.

Admiral Poppy.

SUPERB NEW SPENCER SWEET PEAS

Miriam Beaver—Entirely distinct in color from any other Sweet Pea. The flowers are nearly of a uniform shade, appearing almost to be a self-color; a glowing but soft apricot, tinted, shaded and suffused with lemon. As the season advances the color fades somewhat to a purplish salmon buff. The flowers are uniformly of the largest size, both standard and wings are superbly waved and crinkled. The vine is very thrifty, the profusion of bloom remarkable, the strong stems 12 to 15 inches long carry 3 to 4 flowers each .. ..Pkt. 15c

Marie Corelli—The large flowers are uniformly of the true Spencer type. The wings are a pure rich rose-carmine, while the standard shows a touch of cherry-red. The whole effect is that of a brilliant crimson, clear, distinct and most beautiful. The long strong stems usually bear 4 flowers each. The plant is of strong growth and very free flowering .. ..Pkt. 15c

W. T. Hutchins—A bold true Spencer of most perfect form and coloring. The buds show a decided buff color. The full expanded flower has the appearance of light apricot overlaid with a beautiful blush pink. The vigorous vines flower most freely, the flowers are of the largest size, both standard and wings are wavy, ruffled and crinkled of the most advanced Spencer type. Pkt 15

Senator Spencer—The color is a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. The large flowers, with their wavy edges on both standard and wings, are of true Spencer form. The vines, which are strong and vigorous, are a perfect mass of bloom throughout the season.. .. ..Pkt. 15c

Aurora, Spencer.

Miriam Beaver.

Aurora Spencer—The superbly beautiful flowers are of enormous size and of true Spencer type. Both standard and wings are fluted and waved to a most pronounced degree. The magnificent flowers are produced most profusely in threes and fours. The ground color of the flower is a cream-white, and this is exquisitely flaked and mottled with rich orange-salmon .. .. ..Pkt. 15c

Apple Blossom Spencer—The form is most beautiful, the petals are waved and crinkled to a remarkable degree. The flowers are most attractive and bunch well. Standard crimson pink, shaded deeper at mid-rib to lighter at edges. Wings white tinged and shaded with pink. The vine is thrifty and the large handsome flowers borne on long strong stems.. .. ..Pkt. 10c

Black Knight Spencer—Deep maroon. The large and handsome flowers are waved and crinkled of the true Spencer type. A strong grower and free bloomer.. .. ..Pkt. 10c

Othello Spencer—A rich deep maroon. The flowers come true to type, being beautifully waved and crinkled, both in standard and wings. It is a strong grower, and the intensely dark colored flowers contrast well with the lighter shades already introduced.. .. ..Pkt. 15c

King Edward Spencer—(See painting on back cover). The enormous flowers come almost uniformly waved and crinkled to a pronounced degree. The standard is a rich deep carmine-scarlet of glossy effect. The wings are also carmine-scarlet, and on the reverse side are of a deep rosy-carmine. The vines are vigorous and thrifty, the long stems frequently carry four fine blooms, while the majority bear three flowers. . ..Pkt. 10c

Flora Norton Spencer—Bright blue, with just a int of purple. The flowers are large and very wavy .. ..Pkt. 10c

NEW SPENCER SWEET PEAS—Continued

Beatrice Spencer—Fully as large as Countess Spencer, with wavy standard and large wings; color white, tinted with soft pink on the standard, while each wing has a blotch of brighter pink near the base; one of the most delicate and dainty varieties offered. Pkt. 10c.

Mrs. Routzhan Spencer—The blending shades of this charming variety are soft rose and buff and primrose, with a decided rose edge. The flowers are very large and of the most perfect Spencer form. Pkt. 10c.

Asta Ohn Spencer—Lavender, suffused or tinted with mauve. The finest of this color in the Spencer selections yet introduced. The flowers are very large and wavy, and come uniformly four blossoms to the stem, and the stems are particularly long and sturdy. Pkt 10c.

Mrs. Sankey Spencer—Fully as large as White Spencer, and of equally perfect form. Being black seeded, it is easy to germinate. Like all other black seeded White Sweet Peas, there is a faint tint of pink in the bud, but the fully expanded flower is clear pure white. Pkt. 10c.

Lovely Spencer—The color is bright pink at the base of both standard and wings, and shades to soft blush and almost white at the edges. Flowers large, wavy and beautiful. Pkt 10c.

White Spencer—This new variety produces most profusely absolute pure white enormous flowers; the standard is waved and crinkled. Flowers are borne 3 and 4 to a stem; vines vigorous, averaging 10 feet in height, with heavy foliage. Pkt. 10c, oz. 30c.

Primrose Spencer—Primrose-yellow. The vine is equally as thrifty and free flowering as White Spencer. The blooms are well shaped and are borne on long stiff stems. Pkt. 10c, oz. 30c.

Florence Morse Spencer—This charming novelty is a delicate blush with pink margin. The flowers are very large and open, with the wavy form of the best Countess Spencer type, with long stems and four blossoms to the stem. A most beautiful variety; comes perfectly true. Pkt. 10c, oz. 30c.

Countess Spencer—Bright clear pink, showing a little deeper at the edges. The form is open and the margins of the petals are wavy. Both standard and wings are very large, the blossoms frequently measuring two inches across. The plant is a strong grower and the flowers are borne three and four upon long stiff stems. . .Pkt. 10c, oz. 20c

NEW LARGE FLOWERING SWEET PEAS OF RECENT INTRODUCTION

St. George—Orange scarlet. The most brilliant color in Sweet Peas, the standard is bright orange scarlet, very large and inclined to the wavy form. Wings bold and well opened, of a slightly deeper color, giving the whole flower a very striking appearance. . . . . .Pkt. 10c

E. J. Castle—Bright rose-crimson, with veins of deeper rose, large size, open form and wavy edges . . . . . .Pkt. 10c, oz. 20c

Earl Cromer—A rich reddish chocolate, with pinkish claret wings, long stemmed flowers with round open standards. . . . . .Pkt. 10c, oz. 20c

New Sweet Pea—St. George.

George Herbert—A splendid flower of largest size, with broad round waved standards of rich scarlet-rose, wings carmine-rose. .Pkt. 10c, oz. 20c

Nora Unwin—This charming variety takes its place in the front rank of pure white, far outdistancing Dorothy Eckford, which was hitherto considered the finest white, being larger, purer and finer form. It has the same bold wavy standard and broad wings of the Countess Spencer type. A strong, vigorous grower and free bloomer . . . . . .Pkt. 10c, oz. 20c

Frank Dolby—A lovely pale blue, the same shade as Lady Grisel Hamilton, but very much larger, and with the same bold wavy standard of the Gladys Unwin type. It is the largest and finest pale blue Sweet Pea to date . . . .Pkt. 10c, oz. 20c

John Ingman—This is the deepest color existing in this new giant flowered race. The beautiful fluted flowers are a rich carmine-rose in the standard, with wings of a deep rosy pink . . . . . .Pkt. 10c, oz. 20c

Helen Lewis—The orange-rose wings roll and fold; the standard is reflexed, showing the distinctly fluted effect, and is of an intense rich crimson-orange . . . . . .Pkt. 10c, oz. 20c

SPENCER NOVELTY COLLECTION FOR 1910

BLACK KNIGHT SPENCER. LOVELY SPENCER. APPLE BLOSSOM SPENCER.
FLORA NORTON SPENCER. AURORA SPENCER. WHITE SPENCER.

This incomparable collection comprises the latest and best in Sweet Peas.
Mailed to any address for 50 cents.

BRUCE'S SELECTED FLOWER SEEDS

ALL FLOWER SEEDS SENT FREE BY MAIL AT CATALOGUE PRICES.

Abronia.

ABRONIA.

A pretty creeping plant, with verbena-like heads of sweet-scented flowers. Hardy annual.

Umbellata Grandiflora—Delicate rose. Pkt. 5c.

Arenaria—Lemon color. Pkt. 5c.

ABUTILON.

Large flowers in red, white, rose and orange; richly veined; suitable for house in winter and garden in summer; half-hardy shrubs; easily raised from seed.

Finest mixed hybrids, pkt. 10c.

Abutilon.

ACHILLEA.

Ptarmica Fl. Pl.. (Double White Yarrow)—One of the best hardy white perennials, grows about 2 feet high, and from spring till frost is covered with heads of pure white flowers; easily grown from seed, flowering the first season if sown early. **The Pearl**—Extra double. Pkt. 10c.

ACONITUM.

Monkshood—A free blooming plant of easy culture; flowers blue and white; 3 feet; hardy perennial. Pkt. 5c.

Ageratum.

AGERATUM.

Very valuable and showy bedding plants. If lifted in fall and placed in the parlor or greenhouse will keep up a succession of flowers during the winter. Annual.

Mexicanum—Blue. Per oz. 30c, pkt. 5c.

Dwarf Blue—Azure blue, very floriferous. Pkt. 5c.

Dwarf White—Extra fine. Pkt. 5c.

Victoria Louise—Sky blue flowers with white centre. Very pretty. Height seven inches. Pkt. 5c.

Blue Perfection—This is the darkest colored of all the Ageratums; color deep, amethyst blue; compact growth; fine bedder. Pkt. 5c.

Little Blue Star—A charming novelty. See description page 42. Pkt. 15c

ALYSSUM.

Free flowering, useful, pretty little plants for beds, edgings and rock work, blooming all summer; they also succeed well in the greenhouse for winter and early spring flowers, and are much used in bouquets because of their delicate fragrance. Annual.

Sweet Alyssum—Height, ½ foot. Oz. 30c, pkt. 5c.

Little Gem—Dwarf compact habit; 4 inches. Pkt 5c

Saxatile Compactum—Flowers golden yellow; very pretty. Hardy perennial; height 9 inches. Pkt. 5c.

AGROSTEMMA.

Coronaria—Rose Campion—Free blooming and pretty. Hardy perennial. Pkt. 5c.

Coeli Rosea—Rose of Heaven—Flowers bright rose, excellent for cutting. Height 18 inches. Hardy annual. Pkt. 5c.

AMARANTHUS.

Ornamental foliage plants of an extremley graceful and interesting character, producing a striking effect whether grown in the conservatory or flower garden. Hardy annual.

Melancholicus Ruber—Crimson foliage, 2 ft. Pkt 5c

Tricolor Splendens—Joseph's Coat—Very pretty; 2 feet. Pkt. 5c.

AMPELOPSIS VEITCHII.

Japanese Ivy—This beautiful climber, generally known as Boston Ivy, is specially adapted for covering brick or stone buildings. Hardy perennial. Pkt 5c

Plants (two-year-old) 30 cents each, $3.00 per doz. postpaid.

Sweet Alyssum.

ANTIRRHINUM.

Snap Dragon—An old garden favorite, of easiest culture. They thrive in any soil, the tall sorts yielding an abundance of fine cut flowers, while the dwarf sorts make handsome edgings .Half-hardy perennial.

Queen of the North—The plants form elegant symmetrical little bushes covered with large white flowers of beautiful form, standing well above the foliage; suitable for bedding and pot culture; 1½ feet. Pkt. 5c.

Tom Thumb—Finest mixed; ¾ foot. Pkt. 5c.

Tall Varieties—Finest mixed; 2 feet. Pkt. 5c.

New Giant Flowered—The flowers of this new strain are much larger than those of the old type, and the plants grow taller. For gorgeous colorings few flowers can match them. Raised under glass in spring and planted out, all the varieties will bloom profusely during summer and into autumn.

Finest Mixed—All colors. Pkt. 5c.

Queen Victoria—Very large pure white flowers. Pkt. 10c.

Giant Flowered Antirrhinum.

Aquilegia.

AQUILEGIA OR COLUMBINE.

An extremely showy genus of early summer blooming plants, their flowers being beautiful both in form and color. Hardy perennial.

White Spurred (Chrysantha Gran. Alba)—A beautiful large pure white, long spurred variety. Pkt. 10c.

Long Spurred Hybrids (Coerulea hybrida)—Superb long spurred flowers, in a great variety of colors. Pkt. 10c.

Double Mixed—Pkt. 5c.

Choice Mixed—Many sorts, single and double. Pkt. 5c.

Auricula.

ARABIS ALPINA

One of the earliest spring flowering hardy perennials; it grows about 6 inches high, of dwarf spreading habit, and profusely covered with pure white fragrant flowers; fine for rockeries. Pkt. 5c

ARCTOTIS GRANDIS.

A new annual from Southwest Africa. The leaves are soft and whitish. Its flower heads, borne on long stems, are from 2½ to three inches across; the ray florets being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac; of easy culture; height 2 feet. Pkt. 5c.

AURICULA.

A well-known variety of great beauty, succeeding best in northern aspect. Half-hardy perennial.

Choice mixed—Pkt. 10c.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe Vine.)

A vigorous and rapid growing climber, and trained against the house or verandah the effect of its massive foliage is matchless; brownish-colored pipe shaped flowers. Hardy perennial. Pkt. 10c.

ASPARAGUS SPRENGERI.

Specially useful to grow as a pot plant for decorative purposes or for planting in vases or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere it makes an excellent house plant. A vigorous grower, producing sprays four to five feet long, of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Pkt. 10c.

ASPARAGUS PLUMOSUS NANUS.

A beautiful plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are twelve to fifteen inches in length, and taper to a point from a width of twelve inches. One of the most beautiful decorative plants. Pkt. 20c.

Asparagus Plumosus.

Late Flowering Branching Asters.

DOUBLE ASTERS

The Aster is not only one of the most popular,, but also one of the most productive of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most beautiful and perfect form. In our flower beds and mixed borders it occupies a deservedly prominent position. All the varieties delight in a rich, deep soil; and in hot, dry weather, should be mulched with well-rotted manure and frequently watered. Hardy annual.

QUEEN OF THE MARKET.

An extra early variety of graceful spreading habit; valuable for cutting.

Pure White .. ..Pkt. 5 Scarlet.. .. .. ..Pkt. 5
Rose Pink. .. ..Pkt. 5 Purple. .. .. ..Pkt. 5
Flesh Color .. ..Pkt. 5 Choice Mixed. ..Pkt. 5

LATE BRANCHING ASTER.

A variety of American origin. The flowers are borne erect on very long stems. The broad, wavy petals are gracefully curled and twisted. Being a late bloomer, the flowers come at a time when other kinds are scarce, and are thus the more prized.

Rose .. ..Pkt. 10 Crimson.. .. ..Pkt. 10
Shell Pink .. ..Pkt. 10 Purple. .. .. ..Pkt. 10
Pure White.. ..Pkt. 10 Lavender.. .. ..Pkt. 10
All colors, mixed, pkt. 10.

GIANT COMET ASTER.

A magnificent class, of strong growth. The handsome flowers, which are extremely loose and graceful, are borne on long stems; of great value for general decorative purposes; height 18 to 24 inches.

Salmon Rose—New. Pkt. 10c.
The Bride—White, changing to rose. Pkt. 10c.

Pure White.. ..Pkt. 10 Pink .. ..Pkt. 10
Crimson.. .. ..Pkt. 10 Lavender. .. ..Pkt. 10
Purple. .. .. ..Pkt. 10 Mixed all colors Pkt. 10

NEW HOHENZOLLERN.

A new large flowered strain of the best Comet type. Plants are of a strong bushy habit of growth, the handsome flowers being borne on long strong stems, are unsurpassed for cutting; height 20 to 24 inches.

White. .. .. ..Pkt. 10 Pale Pink. .. ..Pkt. 10
Mixed, many colors.. .. ..Pkt. 10

EARLY FLOWERING HOHENZOLLERN.

Like preceding as to habit and shape of flowers, and considerably larger than those of the Queen of the Market, while just as early as that variety.

Pure White.. ..Pkt. 10 Pink .. ..Pkt. 10

DWARF VICTORIA.

Admirably adapted for bedding and also florists' use; height 9 to 12 inches.

Pure White.. ..Pkt 10 Choice Mixed. ..Pkt. 10

LARGE FLOWERED VICTORIA.

A magnificent race of Asters, flowers are large, globular and double; plants pyramidal, bearing from 10 to 12 blooms at one time; height 18 to 20 inches.

Pure White.. ..Pkt. 10 Peach Blossom..Pkt. 10
Pale Pink. .. ..Pkt. 10 Crimson.. .. ..Pkt. 10
Light Blue .. ..Pkt. 10 Purple. .. .. ..Pkt. 10
Choice mixed, all colors, pkt. 10c.
Imported collection of 12 separate colors, $1.00.
Imported collection of 6 separate colors, 60c.

Daybreak—The flowers are round, very large and full, on long stems. The color is a lovely seashell pink. It is an early bloomer and a strong compact grower. Pkt. 10c.

Purity—Identical in every way to Daybreak, but a pure snow white. Pkt. 10c.

ASTERS—Continued.

Truffaut's Paeony-Flowered Aster.

TRUFFAUT'S PAEONY-FLOWERED.

One of the most perfect and popular of the Asters, the flowers being very double, large and handsome; petals incurved; height 18 to 24 inches.

Snow White. . .Pkt. 10 Bright Rose. . . .Pkt. 10
Pale Pink. . . . .Pkt. 10 Light Blue. . . . .Pkt. 10
Crimson. . . . . .Pkt. 10 Purple. . . . . .Pkt. 10
Choice Mixed, all colors. . . . . .Pkt. 10

Imported collection of 12 separate colors, 75c.

Imported collection of 6 separate colors, 50c.

Sunlight—Sulphur Yellow—The finest of its color. The flowers are borne on long stiff stems, and measure 3 to 4 inches in diameter; height 18 to 20 inches. Pkt. 10c.

Crown or Cocardeau—A very showy variety; flowers double, with a white centre surrounded by petals of a distinct bright color; height 18 to 20 inches. Choice mixed. Pkt. 10c.

Lady in White—The pure white flowers of this free-flowering variety are borne on slender stalks, and have the same graceful semi-globular form as the Mignon. Indispensable for florist work. Pkt 10c

Triumph—A distinct variety, forming compact plants from 8 to 10 inches high. The flowers are large, and of rare beauty, the petals being beautifully incurved. Makes a fine pot plant, and is unequalled as a bearer. Choice mixed. Pkt. 10c.

New Japanese—The flowers are of immense size, with long petals curiously waved and curled, so as to give them a striking resemblance to the most disheveled Japanese Chrysanthemums. Height 14 to 15 inches. Mixed colors. Pkt. 10c.

Dwarf Chrysanthemum-Flowered—Flowers very large and double, resembling Chrysanthemums. Valuable on account of profuse late blooming. Height 9 to 12 inches.
Pure White, extra fine. . . . . .Pkt. 10
Choice Mixed, all colors . . . . . .Pkt. 10

Victoria Needle—Flowers large and double; petals twisted as round as needles, the effect being unique and charming; height 18 inches.
Choice Mixed, all colors . . . . . .Pkt. 10

Mignon—Medium sized flowers of the Victoria type; profuse bloomer. Very popular for cut flower work; height 1 foot.
Pure White . . . .Pkt 10 Mixed colors. . .Pkt. 10

German Quilled Betteridges—Petals quill shaped; flowers large and double; height 2 feet. Choice mixed. Oz. $1.00, pkt. 5c.

German Mixed Asters—A good mixture of different types. Oz. 75c, pkt. 5c.

CREGO'S GIANT ASTER.

The flowers of this new variety are of immense size. The plants are of sturdy growth, attaining a height of over 2 feet, well branched, with long strong stems and artistic fluffy flowers rarely less than 4 inches across, and when cut keep longer in good condition than any Aster of this (the Comet) type.

Crego's White, Crego's Shell Pink, Crego's Purple.
Each per pkt. 10c.

Our Special Offer in Asters

BRUCE'S EMPIRE COLLECTION FOR 1910

Five Superb Varieties for 25 cents.

All separate; mailed to any address for 25 cents; usual catalogue price 55 cents.

Queen of the Market. Late Branching.
Pure White. Perfection.
Crown.

BRUCE'S SUPERB MIXTURE OF ASTERS

The best large-flowering varieties of different types, suitable for cut flowers, such as Truffaut, Hohenzollern, Giant Comet, Victoria, Late Branching and other desirable sorts. This select mixture contains a liberal proportion of white and light shades, ensuring a most satisfactory result in color. ¼ oz. $1.00, pkt. 10c.

DOUBLE BALSAM

Well known and deservedly popular plants, producing flowers in wonderful profusion, resembling the Camellia in form, and often fully as double. Half-hardy annual.
White . . . . . .Pkt. 10 Crimson . . . . . .Pkt. 10

Double-Flowered—Extra choice mixed. Oz. 75c, pkt. 10c.

Double-Flowered—Fine mixed. Oz. 50c, pkt 5c.

IMPORTED COLLECTIONS.

Camellia Flowered—Six distinct colors, 50c.

BALLOON VINE.

Cardiospermum Halicacabum—A genus of rapid growing climbers, remarkable for an inflated balloon-shaped seed capsule, which it bears in clusters; height 6 to 8 feet. Annual. Pkt. 5c.

BARTONIA AUREA.

Very showy; golden yellow; height, 1½ feet. Annual. Pkt. 5c.

BROWALLIA.

Speciosa Major—The plants of this new variety grow only about a foot high, forming dense little bushes, which are covered with an abundance of the most intense violet blue flowers, much larger than those of the older sorts. For beds, borders or pots there is hardly another plant with blue flowers that compares with it. Annual. Pkt. 10c.

BRACHYCOME.

Swan River Daisy—Dwarf, free flowering plants, covered all summer with a profusion of Cineraria-like flowers; very attractive in edgings, rustic baskets, or for pot culture. Half-hardy annual.

Iberidifolia—Fine mixed; ½ foot. Pkt. 5c.

Single Begonias.

BEGONIA.

Tuberous rooted; new hybrids. These splendid varieties produce handsome plants from 12 to 18 inches high, covered the whole summer with bright and elegant colors of almost every shade of color; flowers of some varieties attain an extraordinary size, being frequently 6 inches in diameter. Plants do best when grown in a partially shaded situation. Seedlings raised in heat early in spring will flower the same summer.

Single varieties, finest mixed, pkt. 10c.

Double varieties, finest mixed, pkt. 25c.

Begonia Semperflorens—A perpetual flowering section of great value for bedding. Seedlings of spring bloom in summer, while seedlings of summer make valuable decorative plants for the greenhouse during winter.

Vernon—A fine bedding sort, with rich red flowers and glossy bronze red foliage. Height 6 inches. Pkt. 15c.

Rex Begonias—Ornamental foliage varieties; finest mixed. Pkt. 25c.

CALCEOLARIA.

Plants of highly decorative character, indispensable for the ornamentation of the greenhouse and garden. C. Hybrida is grown for outdoor decorations, while C. Rugosa, a shrubby variety, is sometimes grown for indoor and sometimes for outdoor decorations. Half-hardy perennial.

James' International Prize—Unequalled for size and brilliancy of color; 2 feet. Pkt. 25c.

Rugosa—Mixed; valuable for bedding; 1 foot. **Pkt. 25c.**

CALENDULA.

Pot or Garden Marigold—Remarkably profuse blooming plants; their easy culture and continuous bloom make them valuable for beds and borders. Hardy annual.

Meteor—Double yellow flowers, striped with orange. Pkt. 5c.

Fine Mixed—Many colors. Pkt. 5c.

Calendula.

CANARY BIRD FLOWER.

Tropaeolum—Bright fringed, yellow creeper; very ornamental; a general favorite; 10 feet. Half-hardy annual. Pkt. 5c.

CALLIOPSIS OR COREOPSIS.

This genus is one of the most striking of all annuals, the varieties being very effective in mixed borders, while the dwarf, from their compact habit are well adapted for beds, the colors all being strikingly beautiful. Hardy annual.

Drummondi—Orange yellow. Pkt. 5c.

Nigra Speciosa—Rich crimson; 1 foot. Pkt. 5c.

Fine Mixed—All colors. Oz. 30c, pkt. 5c.

Double—Flowers semi-double. Pkt. 5c.

Hybrida Superba—The plants of these new hybrids grow about 15 inches high and are covered the entire season with medium sized flowers, varying in color from pale yellow to orange-red and dark velvety brown; very distinct and pretty. Pkt. 10c.

Coreopsis Lanceolata Grandiflora—One of the best hardy garden plants. The flowers are large, of a bright golden yellow, freely produced on long stems from June till frost; excellent for cutting; height 3 feet. Pkt. 5c.

CAMPANULA.

Canterbury Bell.

Canterbury Bell—Well known favorite, bearing large bell and saucer-shaped flowers; well adapted for borders and pot culture. Half-hardy biennial. Single mixed .. .. Pkt. 5c. Double mixed .. ..Pkt. 5c

Cup and Saucer (Calycanthema)—Pink, pkt. 5c; fine mixed, pkt. 5c.

Superb Mixed—This special mixture includes single, double and Calycanthema varieties, in all colors .. ..Pkt. 10c

Pyramidalis—A grand sort, known as the Chimney Bell Flower. Hardy perennial. Finest mixed blue and white; 4 feet.. .. ..Pkt. 5c

Giant Empress Candytuft.

Grandiflora—Chinese Bell Flower—Hardy perennial, with large, broad, well-shaped white or blue flowers; very handsome; 2 ft. Mixed blue and white .. ..Pkt. 5c

Persicifolia — A remarkably handsome hardy perennial, with large cup-shaped flowers, prized alike for borders and as a pot plant for the greenhouse; 2 feet; blue and pure white, mixed .. ..Pkt. 10c

Double White, Moerheimi—New—A magnificent double white variety .. ..Pkt. 15c

Fragilis—A valuable trailer, suitable for hanging baskets and rockeries; light blue; hardy perennial.. .. ..Pkt. 10c

CANDYTUFT.

One of the most useful of border annuals; very effective in beds, groups, etc. Also very useful for pot culture for conservatory decorations during the winter. Hardy annual.

White Fragrant, Crimson, Carmine, Purple, each .. ..Pkt 5c

Finest Mixed—All colors.. .. ..Pkt. 5c, oz. 20c

Empress Improved or Giant Hyacinth Flowered—A new variety of great beauty and most desirable for cut flower purposes. It is of very branching habit, and when full grown and covered with its large trusses of pure white flowers presents a perfect pyramid of bloom throughout the summer Pkt. 5c

Queen of Italy—New dwarf, erect growing variety, plant fairly covered with beautiful pink flowers .. ..Pkt. 5c

CANNA

Castor Oil Bean.

This genus, from its stately growth, combined with its rich and varied flowers and picturesque foliage, is one of the most strikingly effective of our ornamental plants. Seed should be steeped for a few hours in hot water before sowing. The roots may be taken up and preserved like Dahlias. Half-hardy perennial.

Crozy's New Dwarf Hybrids—Splendid large flowering, with broad leaves, finest mixed.. .. ..Pkt .5c

Dark Leaved Varieties—Finest mixed .. .. Pkt. 5c

CARNATION.

Marguerite—Plants will begin to bloom in about four months from sowing the seed; the flowers are varied and beautiful in color, are deliciously fragrant and exceedingly useful for cutting; about 75 per cent. of seedlings produce double flowers. Pure white, pkt. 10c; choice mixed, pkt. 10c

Giant Marguerite—This improved strain produces much larger flowers; this, combined with great diversity and richness of color, makes it a most valuable acquisition. Finest mixed.. .. ..Pkt. 10c

New Perpetual Riviera Market—This is the finest of all strains of Perpetual Carnations, and is nearly as rapid in growth as the Marguerite class; the seed produces about 80 per cent. of splendid double flowers with a large percentage of yellow. Pkt. 25c

Marguerite Carnation.

Grenadin—An extra early and very hardy variety, with brilliant double scarlet flowers.. .. ..Pkt. 15c

Grenadin—Pure white; extra fine .. ..Pkt. 20c

Hardy—Fine Mixed; excellent for cutting.. .. ..Pkt. 5c

CASTOR OIL BEANS

Ricinus—The picturesque foliage and stately growth, combined with the size of the giant varieties, impart to select plantations, shrubbery, and mixed flower borders quite an oriental aspect. Half- hardy anual.

Zanzibariensis—A new Castor Oil Plant, far exceeding in size the much admired older kinds. The foliage is of the usual palmate character, produced in great luxuriance and of gigantic proportions, measuring 2 to 2½ feet in diameter; coloring varies from light green to dark coppery bronze and brownish purple.. .. ..Pkt. 5c

Gibsoni (Duchess of Edinburgh)—Dark purple stem and leaves; 5 feet.. .. ..Pkt. 5c

Cambodgensis—Fine dark red foliage; 5 feet.. .. .. ..Pkt. 5c

Fine Mixed.. .. ..oz. 20c, pkt. 5c

Corn Flower.

CERASTIUM—Snow in Summer.

Tomentosum—A pretty dwarf white-leaved edging plant, bearing small white flowers. Perennial.....Pkt. 10c

CENTAUREA.

Splendid border plants; some, such as the Cornflowers, Sweet Sultans, etc., being prized for their handsome flowers; others for their ornamental and picturesque foliage.

White Leaved Varieties.

The silvery foliaged Centaureas are amongst our most beautiful and valuable bedding plants; should be started early in gentle heat. Half-hardy perennial.

Candidissima—Broad white foliage; 1 foot.....Pkt. 10c
Gymnocarpa—Narrow silver foliage; 1 foot.....Pkt. 5c

CENTAUREA IMPERIALIS, OR GIANT FLOWERED SWEET SULTANS.

These new hybrids are admirably adapted for cut flower use, being almost double the size of the well-known Marguerite. The flowers are borne on long stout stems, and are very lasting, and if cut when scarcely opened and placed in water they will keep for ten days; 2 feet.

Giant Mixed—All colors.....Pkt. 10c
Yellow Sweet Sultan—Large, bright yellow flowers, useful for bouquets; 1½ feet.....Pkt. 5c
Sweet Sultan—Mixed colors; 1½ feet.....Pkt. 5c

CORNFLOWER—Centaurea Cyanus.

A very hardy annual for borders. Flowers most suitable for bouquets; 2 feet

Emperor William—Deep blue, splendid.....Pkt. 5c
Double Mixed—Handsome double flowers of various colors.....Pkt. 5c
Single Mixed—All colors.....oz. 30c, pkt. 5c

CLEMATIS.

Beautiful hardy climbers, fine for arbors and verandas. The seeds, which are slow to germinate, should be soaked in warm water before sowing; hardy perennials.

Paniculata—This is one of the best hardy climbers, the small star-like white fragrant flowers being produced in dense masses.....Pkt. 10c
Mixed—Large flowering variety.....Pkt. 10c

CHELONE—BARBATA

Hybrid. An excellent hardy perennial, producing long spikes of flowers, ranging in color from light pink to deep red and violet; 2½ feet.....Pkt. 5c

CLARKIA.

Beautiful tribe of favorite plants, with pretty, cheerful looking flowers, growing freely and blooming profusely under almost any circumstances. Hardy annual.

Single Mixed—Many sorts; 1 foot.....Pkt. 5c
Double Mixed—Many sorts; 2 feet.....Pkt. 5c
Chinese Primrose—See Primula, page 65.....

CHRYSANTHEMUM.

The annual or summer flowering Chrysanthemums are very effective border plants. They are of easy culture, growing rapidly and flowering freely the whole summer; the flowers of various colors are bright and attractive and being borne on long stems, are generally prized for cutting.

Single anual varieties, many colors.....Pkt. 5c
Evening Star—New—Flowers golden yellow, and from 3 to 4 inches in diameter. It is of the easiest culture, and a cut flower of the first rank; height 18 inches.....Pkt. 10c
White Star—New—A charming new variety, with large white flowers with dark centre, similar in habit and growth to preceding; a fine cut flower.....Pkt. 10c
Double annual varieties, white and yellow.....Pkt. 5c
Double Hybrids—Flowers are large and double, the colors being beautiful and diversified, the petals exquisitely fringed and pencilled.....Pkt. 10c

Single Annual Chrysanthemum.

Shasta Daisy.

PERENNIAL VARIETIES.

Shasta Daisy—The best of the large flowering Daisies.Pkt. 10c
Maximum—Large ox-eyed daisy, white flowers; hardy.Pkt. 10c
Marguerites, or Paris Daisies—Largely grown for cut flowers. They flower all summer in the garden and make elegant pot plants for winter bloom.
Frutescens—White.....Pkt. 10c
Japonicum (Japanese varieties)—These are the double sorts which attract so much attention at the autumn shows and are so popular for greenhouse decoration and cut flowers. Finest mixed.....Pkt. 25c

CINERARIA

A well known greenhouse favorite; owing to the richness and diversity of its colors it is one of the most valuable of our early spring flowers; succeeds best in light, rich, free and open soil. Greenhouse perennial.

Bruce's Prize—The flowers possess extraordinary substance, and are of immense size under good cultivation. For exhibition purposes it is unsurpassed. . . . . Pkt. 25c

James' Giant—Plants of this superb English strain are remarkable for their dwarf growth, the immenes size of their blooms, and well defined brilliant and delicate colors. . . . . Pkt. 50c

New Scarlet, Matador—An entirely new color in Cinerarias; brilliant scarlet red, a charming novelty and decided acquisition. . . . . Pkt. 50c

Bruce's Prize Cineraria.

CINERARIA MARITIMA.

(Dusty Miller). White foliage very ornamental Half-hardy perennial.

Maritima Candidissima—An extra fine variety. . . . . Pkt. 5c

Cockscomb.

COCKSCOMB.

Celosia—Highly ornamental curious looking flowers for the greenhouse and garden. The following sorts have been saved from combs remarkable for their size, symmetry and color. Half-hardy annual.

Glasgow Prize—An extra fine dwarf variety, with immense crimson combs. . . . . Pkt. 20c

Dwarf Mixed—Splendid . . . . . Pkt. 10c

Thompson's Magnifica Improved Feathered Cockscomb—Pyramidal in growth, attaining a height of little more than 2 feet. Each stem is crowned with magnificent feathery plumes of the richest colors, ranging from the clearest yellow to the darkest blood-red; splendid plants for either pot or out-door planting. . . . . Pkt .5c

COSMOS.

Mammoth Perfection—This new selection will be found a decided improvement on the old variety, the flowers being so much larger, usually 4 to 5 inches across. It is a strong and vigorous grower, and produces its beautiful single Dahlia-like flowers with the greatest freedom. Seed should be sown early, and the plants, which grow 4 to 5 feet high, set out 2 to 3 feet apart. Half-hardy annual.

Mammoth White . . . . Pkt. 5c Mammoth Mixed . . . . Pkt. 5c

New Striped—The charming pink flowers have large white centres and the petals are deeply striped with white. . Pkt. 10c

Lady Lennox—New—Flowers of extraordinary size and beauty, the color being charming shade of light pink. . Pkt. 10c

New Early Flowering—This variety comes into bloom in July, and continues to flower until cut down by frost. The flowers are white, pink and crimson, all colors mixed. 4½ feet high . . . . . Pkt. 10c

CONVOLVULUS—See Morning Glory, page page 60.

Cobaea Scandens.

COBAEA.

Scandens—A beautiful climber, with large, bell-shaped flowers and elegant leaves and tendrils. It is of very rapid growth and consequently eminently adapted during the summer for warm situations out of doors; in sowing place the seeds edgeways and cover slightly. Half-hardy annual.

Purple . . . . . Pkt. 10c **White** . . . . . Pkt .10c

Cosmos.

COLEUS

Handsome foliage plants, remarkable for their great variety and brilliancy of colors; indispensable for bedding; easily grown from seed. Choice mixed; 2 feet . . . . . Pkt. 25c

CORDYLINE. (Dracaena.)

Beautiful decorative foliage plants.

Indivisa Lineata—Very graceful, narrow foliage. Pkt 10c

CORN FLOWER—See Centaurea, page 52

COWSLIP.

An early spring blooming border plant. Treatment about the same as for Pansies. Perennial . . . . Pkt. 5c

CUCUMBER, ORNAMENTAL.

An interesting tribe of plants, remarkable for their luxuriance and rapidity of growth, which, if the soil is rich, is marvellous. Annual.

Wild Cucumber—(Echinocystis Lobata)—This is the quickest climber known. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted with pretty white fragrant flowers. The seed should be soaked in water for at least 24 hours before planting. Once planted this vine seeds itself and comes up every year. Oz 20c, pkt 5c

CYPERUS ALTERNIFOLIUS.

Umbrella Plant—Handsome half-hardy perennial; the long slender stems being surmounted by plumes of narrow green shining leaves; succeeds best in moist situations; valuable for aquariums; easily raised from seed. Pkt. 10c

CYPRESS VINE.

Ipomea Quamoclit—A most beautiful climbing plant, with very delicate fern-like foliage. Half-hardy annual; 10 feet.
Scarlet . . . . . Pkt. 5c **Finest Mixed** . . . . . Pkt. 5c

Giant Flowered Cyclamen.

Draceana—See Cordyline, page 53. Delphinium—See Larkspur, page 58.

CYCLAMEN.

A genus of the most beautiful and elegant winter and spring blooming plants for pot culture; if sown early in spring under glass and well grown will make flowering bulbs in one year. The seed we offer is from the finest strains.

Giganteum—This section is remarkable for the immense size and magnificent colorings of the flowers
Giant White—Pure white . . Pkt. 25c
Giant Crimson—Deep crimson . . . . . Pkt. 25c
Giant Rose . . . . . Pkt. 25c
Giant Salmon—A charming new color . . . . . Pkt. 25c
Giant Mixed . . . . . Pkt. 25c
Cyclamen Persicum (Persian violet)—Finest mixed . . . . Pkt. 10c
New Butterfly (Persicum papilio)—The flowers of this magnificent new strain are of the largest size. The edge of the broad petals are frilled, fringed and curled, and the colors range from purest white through delicate pink to rose and crimson . . . . . Pkt. 25c

DICTAMNUS (Gas Plant).

Favorite old-fashioned border plants cultivated for their showy flowers and fragrant foliage. Hardy perennial; 2 feet.
Fraxinella—Rose purple . . Pkt. 5c

Datura.

DAHLIA

The Dahlia is one of the most popular autumn flowering plants. Although perennials, these flower the same season from seed if sown in the house in February or March, the single sorts will bloom from seed sown in the open ground as late as June. The roots should be placed in dry sand and kept in cellar where there is no frost during winter.

Double Large Flowered; choice mixed . . . . . Pkt. 10c
Double Pompone or Bouquet Varieties—Finest mixed . . . . . Pkt. 10c
Cactus-Flowered Double—Finest mixed hybrids . . . . . Pkt. 10c
Single—Finest mixed; very showy . . . . . Pkt. 5c
Dormant Tubers—Finest named varieties . . . . each, 20c, doz. $2.00 here
Dormant Tubers—Mixed varieties . . . . . each 10c, doz. $1.00 here

Double Daisy.

DATURA.

Trumpet Flower—A tribe of highly ornamental plants with large trumpet shaped flowers; 3 feet. Annual.
Double Varieties—Finest mixed . . . . . Pkt. 5c

DOLICHOS.

Hyacinth Bean—A beautiful class of quick-growing ornamental climbers, bearing clusters of white and purple bean-shaped blossoms. Seed pods are quite ornamental. Annual 12 feet; mixed . . . . oz. 20c, pkt. 5c

Purple Soudan—A highly decorative climber. The stems are of intense purple color, and the beautiful long flowers that are produced during the whole summer are of a brilliant rose, contrasting strikingly with the dark foliage. The seed pods are themselves an ornament to the plant, owing to their dark red color. For covering walls, trellises, etc., will be found invaluable . . . . . Pkt. 5c

DOUBLE DAISY.

Bellis Perennis—A well-known and favorite plant for the border or pot culture. Half-hardy perennial.
Snowball—Extra large, very double; pure white flowers . . . . . Pkt. 10c
Longfellow—Double dark rose . . . . . Pkt. 10c
Choicest Mixed . . . . . Pkt. 10c
Giant Double White—The flowers of this new strain are enormous, of the purest white, and very double borne on long stiff stems. This is the best double white Daisy yet introduced . . . . . Pkt. 15c
Giant Double Mixed—Mammoth double flowers, ranging in colors from pure white to pink and deep red; highly recommended . . . . . Pkt. 15c

DIANTHUS—PINKS

These handsome single and double pinks are deservedly popular. The flowers, which are large embrace all colors from white to deep crimson, while most of them are beautifully variegated. The plants bloom the entire summer and fall, and also the second season if slightly protected during the winter.

Single Mixed—Bruce's Selected—A splendid mixture of rich and brilliant colors; flowers large and handsome, many are brilliantly fringed. Excellent for cutting. Oz. $1.50, pkt. 5c.

Princess Pinks—A charming variety, with medium sized fringed flowers, which are mottled, flaked, spotten and striped in the greatest diversity of colors, scarcely any two flowers being alike . . . . . Pkt. 10c

DOUBLE ANNUAL VARIETIES.

Imperial—Flowers of blood-red ground color, irregularly striped and splashed with white and pink, a charming variety. . . . . Pkt. 5c

Mourning—The flowers are large, colors unique, rich purple maroon, etc., edged with white. Pkt. 5c

Diadem—Many colors, beautifully striped and laced. . . . . Pkt. 5c

Finest Double Mixed—Consisting of the best double varieties, all colors . . . . oz. $2.50, pkt. 10c

Mixed—China or India Pink . . . . oz. 50c, pkt. 5c

HARDY PERENNIAL PINKS.

Double Pheasant's Eye—Double, large flowering, sweet scented hardy pink, flowers finely fringed, of various colors, finest mixed . . . . . Pkt. 10c

"Cyclop" Pinks—New single Pinks of unapproachable beauty, the predominating colors being rose, flesh pink, copper color, salmon, wine red, white, crimson, etc.; clove-like perfume. The blossoms are smooth-edged, round, and fully 6 inches in circumference. Mixed colors. Pkt. 10c

Paisley or Florists' Pink—Finely fringed double flowers; strong clove fragrance; especially desirable for cut flowers. . . . . Pkt. 25c

French Perpetual Fowering—A new large flowered strain of semi-double and double flowers of bright colors, with broad petals, deliciously scented . . . . . Pkt. 15c

ESCHSCHOLTZIA.

California Poppies—An exceedingly showy, profuse flowering class of plants, with extremely rich and beautiful colors, very attractive. Hardy annuals

California—Bright yellow, showy; 1 ft. . Pkt. 5c

Rose Cardinal—Beautiful carmine rose. Pkt. 5c

Mandarin—Bright orange shaded crimson Pkt 5c

Golden West—Flowers large, bright yellow, with large rayed blotch of deep orange at base of petals. . . . . Pkt. 5c

Fine Mixed—All colors . . . . . oz. 30c, pkt. 5c

Double Varieties—White and yellow mixed. Pkt 5

Eschscholtzia.

Double Dianthus Pinks.

EUPHORBIA.

Variegata (Snow on the Mountain)—Attractive foliage, veined and margined with white, hardy annual; 2 feet . . . . . Pkt. 5c

EVERLASTING PEA.

Lathyrus—Showy free flowering plants; very ornamental on trellis work, old stumps, or for covering fences or walls; height 5 ft. Hardy perennial.

Scarlet and White. . . . . each pkt. 5c

Fine Mixed . . . . . oz. 50c, pkt. 5c

Pink Beauty—Of a soft and charming rose pink shade . . . . . oz. 30c, pkt. 5c

FERNS.

These graceful foliage plants thrive best when planted in a peaty, sandy soil, in moist shady positions. The seed, which is a little slow to germinate, should be sown on the surface in seed pans or pots, kept moist, and in a temperature of 60 degrees.

Greenhouse Varieties—Choice selection. Pkt. 25c

Hardy Varieties—Choice selection . . . Pkt. 15c

FREEZIA.

The flowers, which are largely used by florists in cut flower decorations, are pure white, blotched with yellow on the lower petals, and have a delicate musk perfume. The seeds produce a bulb, which plant in October in light soil; give plenty of light and sun. When done flowering put away the bulb in a dry place until next planting . . . . . Pkt. 5c

FUCHSIA.

Well-known greenhouse plants. The seed we offer has been selected and saved from the finest named varieties. Greenhouse shrubs.

Double and Single—Splendid mixed. . . . . Pkt. 25c

FEVERFEW—See Matricaria, page 59.

GLOXINIA.

A superb genus of summer blooming plants of great beauty and diversity of color. Sow the seed under glass in early spring and place in a warm, moist and shaded situation; transplant seedlings as soon as fit. Gloxinias thrive best in sandy peat or loam. When in flower keep partially shaded from the bright sunshine. The bulbs should be kept dry and from frost during winter. Greenhouse plant, splendid mixed varieties, all colors . . . . . Pkt. 25c

GERANIUM.

These well known garden favorites are indispensable for indoor as well as outdoor decoration, and should be extensively cultivated. Half-hardy perennial.

Finest Mixed—Suitable for bedding.. .. ..Pkt. 10c
Double Zonale—Splendid Mixed .. ..Pkt. 25c
Fancy Varieties—Pelargonium—Finest Mixed .. ..Pkt. 25c

Foxglove.

GODETIA.

Handsome summer flowering plants, of compact growth, bearing freely large flowers of exquisite colors and shades. Hardy annual.

Fine Mixed .. ..Pkt. 5c

Forget Me Not.

FORGET ME NOT.

Myosotis—A favorite and well known border plant; flowers early; blooms freely. Half-hardy perennial.

Victoria—Sky blue flowers with double centre; the best for pot culture .. ..

Gypsophila Paniculata.

HUNNEMANIA.

The so-called Bush Eschscholtzia. The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers 3 inches across on long stems. The color is a clear, bright yellow, the petals are broad and crinkled like crushed satin, and as cut flowers remain in perfection for a long period.. .. ..Pkt. 5c

HUMULUS JAPONICUS.

Climbing Hop—A plant of very rapid growth, beautiful when planted isolated and properly supported, also valuable for trellises, etc. Annual.. .. ..Pkt. 5c

Variegatis—The foliage of this variety is distinctly marked with silvery white, yellowish-white, light and dark green .. ..Pkt. 5c

HEUCHERA.

Without doubt one of the finest perennials. The plants, as will be seen from our illustration, are of fine compact habit, with elegant deep green foliage. The flowers are borne on elegant spikes, and can be used with fine effect in cut flower decorations. It is easily raised from seed, perfectly hardy, and should be in every garden; 18 inches.

Sanguinea—Rich bright crimson.. .. ..Pkt. 10c

GYPSOPHILA.

Paniculata—A handsome hardy perennial, with graceful, branched panicles of small white flowers, which are highly prized for bouquets. Height 2 feet.. .. ..Pkt. 5c

Elegans Alba Grandiflora—This is an improved, large flowering pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply.. .. ..oz. 30c, pkt. 5c

HELIOTROPE.

A well known genus, of profuse flowering and deliciously fragrant plants. Half-hardy perennial.

Fine Mixed Varieties .. ..Pkt. 10c

HIBISCUS.

A very ornamental and showy plant, well adapted for mixed or shrubbery borders. Tender annual.

Africanus—Color cream, brown centre; 1½ feet..Pkt. 5c

HONESTY.

Lunaria Biennis—A handsome hardy biennial with purple or white flowers, followed by numerous silvery seed pods, much prized for winter decoration; 2 feet.. ..Pkt. 5c

HONEYSUCKLE.

Hedysarum—Very hardy plants, producing racemes of attractive pea-formed flowers, in two colors, scarlet and white. Perennial .. ..Pkt. 5c

Heuchera.

HOLLYHOCKS.

A splendid plant for autumn decorations, and from its stately growth and varied colors of its magnificent spikes of flowers, may justly demand a place in every large garden or pleasure grounds. Hardy perennial.

Double Hollyhock.

White. Cream. Yellow. Rose. Crimson. Violet.
Each of above, pkt. 10c.

Splendid Double Mixed .. ..Pkt. 10c
Fine Double Mixed..Pkt. 5c **Single Mixed**..Pkt. 5c
Chaters collection of 12 double varieties $1.00
Chaters collection of 6 double varieties 60c

Mammoth Fringed Allegheny—The flowers are of mammoth size, 5 to 7 inches in diameter, and gracefully formed of loosely arranged fringed petals, which look as though made from the finest China silk. The colors range from the most delicate shell pink to dark red. Mixed colors .. ..Pkt. 10c

HYBRID EVERBLOOMING HOLLYHOCKS.

Seed sown under glass early in spring produce plants that flower the same summer. The plants are more vigorous at all stages than the usual type, and flower as freely the second season as the first. The flowers are of good size, double, semi-double, and single, and colors cover the whole range; mixed colors.. .. ..Pkt. 10c

IMPATIENS SULTANI HYBRIDA.

One of the most useful plants of recent introduction. Remaining in bloom for a long period, they produce lovely flowers, varying in color from delicate pink to the deepest red. Tender perennial; height 3 feet..Pkt. 25c

Ice Plant.

ICE PLANT.

A dwarf trailing plant, much used for garnishing. The leaves and stems are covered with crystaline globules, giving it the appearance of being coated with ice. Half-hardy annual .. Pkt. 5c

INCARVILLEA DELEVAYI.

The flowers, which resemble a Gloxinia in shape, are produced on stout stalks, about 2 feet high, and are of a rosy-carmine color, spotted with yellow; the throat is brown. It is of easy culture, and it will bloom during the first year if the seed be sown in a cold frame very early in the spring. Should be well protected with leaves during the winter, or the roots lifted and stored in dry sand in a cellar.. .. .. Pkt. 15c

JACOBEA.

Senecio—Free flowering plants, producing their gay colored flowers in great profusion; very effective for beds. Hardy annual. Fine mixed, all colors.. .. .. Pkt. 5c

KENILWORTH IVY.

Linaria Cymbalaria—Splendid plant for hanging baskets, rustic work, etc. Hardy perennial. Pkt 10c

KOCHIA SCOPARIA, or Summer Cypress.

The plants grow freely from seed sown in the open ground, and from the earliest stage of growth in the spring until they reach maturity the plants are always of globe-like form. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers—the bushy plants resembling balls of fire. The plants are equally showy, planted singly to show the round ball-like form on all sides, or grown in continuous rows or hedges. .. .. Pkt. 5c

LOBELIA.

A very valuable and beautiful class of mostly dwarf growing plants, their delicate drooping habit and the profusion of their charming little blue and white flowers render them exceedingly ornamental for rustic or hanging baskets, while for border cultivation they are equally effective. Half-hardy annual.

Compacta Crystal Palace—Dark blue, excellent for edging .. .. Pkt. 10c
Erinus Alba Compacta—Pure white.. ..Pkt. 10c
Speciosa—Blue, fine for bedding; ½ ft.. Pkt. 5c
Gracilis—Pale blue, fine for vases, trailing.Pkt 5c
Prima Donna—Rich crimson, dwarf compact .. ..Pkt. 10c
Cardinalis Queen Victoria—Very dark leaves and beautiful flowers of brilliant scarlet, quite constant, splendid acquisition. Perennial. Pkt. 20c

Lantana.

LANTANA.

A very desirable class of plants for indoor pot culture and summer bedding, constantly in bloom; verbena-like heads of orange white and rose. Half-hardy perennial. The seed should be sown in hot-bed, or in boxes of light soil in warm, sunny window in March or April. Finest mixed .. ..Pkt. 5c

LILY OF THE VALLEY.

Convallaria Majalis—Will thrive in any common soil and in shady situations. Hardy perennial .. ..Pkt. 10c

LAVATERA—Tree Mallow.

A very beautiful showy annual, about 2 feet high, covered during the entire summer with large cup-shaped flowers. Sow in May where they are to flower, and thin out to 12 inches apart.

Trimestris—Mixed pink and white .. ..Pkt. 5c

LOPHOSPERMUM SCANDENS.

A very beautiful and ornamental climber, with handsome showy Foxglove-like flowers; very effective for conservatory or garden decorations; rosy-purple flowers; 10 feet. Half-hardy perennial .. .. Pkt. 10c

LARKSPUR—DELPHINIUM. Annual Varieties.

Very ornamental plants, possessing almost every requisite for the adornment of the garden. Profuse bloomers, and great variety of brilliant colors.

Dwarf Rocket—Hyacinth flowered finest mixed; 1 foot .. ..

LINUM.

Flowering Flax—One of the brightest colored of summer annuals; flowers glowing crimson rose; 1 foot . . . . .Pkt. 5c

LYCHNIS.

Very free flowering herbaceous plant. Hardy perennial.
Chalcedonica—Bright scarlet; 2 feet. . . . . .Pkt. 5c
Haageana—Hybrid mixed; 1 foot. . . . . .Pkt. 5c

MALOPE.

A handsome plant, of branching habit, with large showy flowers. Hardy annual . . . . . .Pkt. 5c

MARIGOLD

A tribe of well-known free flowering plants, with handsome double flowers of rich and beautiful colors; very effective in beds, borders, etc. Half-hardy annual.

DOUBLE FRENCH MARIGOLD.

Collection of six finest varieties. 40c
Dwarf—Gold striped, very handsome . . . . . .Pkt. 5c
Dwarf—Finest mixed; ½ foot . . . . . .oz. 30c, pkt. 5c
Tall—Choice mixed; 2 feet . . . . . .oz. 30c, pkt. 5c

Double French Marigold.

DOUBLE AFRICAN MARIGOLD.

Collection of six finest double varieties. 50c
Orange and Lemon—Quilled varieties; each . . . . . .Pkt. 5c
Tall Double—Finest mixed . . . . . .oz. 30c, pkt. 5c

Double African Marigold.

SINGLE FRENCH MARIGOLD

Gold Ring—This really charming variety is of dark brown velvety color, gracefully surmounted with a distinct gold ring; 9 inches . . . . . .Pkt. 5c
Legion of Honor—Flowers bright yellow, distinctly blotched rich brown. The plants are dwarf and compact, and remain in bloom a long time; height 9 inches. .Pkt. 5c
Pot or Garden Marigold—See Calendula, page 50.

MARTYNIA.

Very handsome free-flowering plants, with large flowers of great beauty. The young fruit or seed pods are highly esteemed for pickling. Half-hardy annual; 2 feet. .Pkt. 5c

MATRICARIA.

Double Feverfew—Pure white double flowers; a desirable bedding plant, and largely used for cemetery decoration. Hardy annual . . . . . .Pkt. 5c

MATHIOLA.

Bicornis—(Night Scented Stock)—For the exquisite perfume, profusely exhaled in the evening, this hardy annual should be grown in every garden. Flowers lilac. Height 1 foot . . . . . .Pkt. 5c

MUSA ENSETE.

Abyssinia Banana Tree—Magnificent for sub-tropical massing, or as single specimens they are very effective. Seed sown early will produce immense plants the first season. Tender perennial. .Pkt. 10c

MAURANDIA.

Beautiful climbers for greenhouse or out-door cultivation.
Barclayana—Deep violet; pretty; annual. . . . . .Pkt. 10c

MIGNONETTE

Within recent years Mignonette has been greatly improved in size, and several distinct tints have been selected. These have been saved with such care that an agreeable variety of this fine old favorite is now available for the garden or pot culture. The following are hardy annuals:
White Pearl—New—White flowered, of the popular Machet type. of stocky and robust growth, producing in abundance large, broad conical heads of deliciously fragrant white flowers. . . . . .Pkt. 10c
Machet—A dwarf and compact growing variety, with large flowers of a deep reddish crimson; the most popular variety for pot culture. . . . . .Pkt. 10c
Golden Queen—Large flowered, a handsome dwarf variety; flowers golden yellow; a free bloomer. . . . . .Pkt. 5c
Crimson Queen—Robust in habit, with very large spikes of handsomest red flowers. . . . . .Pkt. 5c
Sweet Scented—The old and popular variety, with small spikes, but very sweetly scented . . . . . .oz. 15c, pkt. 5c

Machet Mignonette.

Japanese Morning Glory.

MIGNONETTE—Continued.

Myles Hybrid Spiral — Habit dwarf and branching, flowers large. The odor of this variety is superior to any other variety. Pkt 5c.

Parson's White Flowering—The flowers are almost pure white, of the most exquisite fragrance .....Pkt. 5c

Defiance—Spikes of remarkable size and deliciously fragrant; the individual florets are very large, standing out boldly; its keeping qualities are extraordinary .....Pkt. 10c

New Bismarck—A grand addition to our Mignonettes, forming dense bushes covered with handsome thick flower heads of remarkable size, rich in color and deliciously scented; it is indispensable to the florist for cut flowers, and the best for pot culture .....Pkt. 10c

MORNING GLORIES

Old and well known varieties. The beauty and delicacy of their colors are unsurpassed; they all grow freely in almost any situation. Hardy annual.

Morning Glory—(Convolvulus Major)—This popular climber is too well known to need a description, 10 ft., all colors, mixed. Oz 15c, pkt 5c

Dwarf Morning Glory—(Convolvulus Minor) The flowers are of the same size and shape as the tall or climbing Morning Glory. The colors are most varied and pleasing; 1 ft. Oz 15c, pkt 5c

Setosa—(Brazilian Morning Glory)—Flowers 3 inches or more across, of a beautiful rose color, borne very freely in large clusters from July to frost. As a quick growing vine it has no equal, covering an enormous space in a short time .....Pkt. 5c

Mauritanicus—Charming for baskets, rock work, etc.; flowers lavender. Perennial .....Pkt. 5c

IMPERIAL JAPANESE MORNING GLORY.

The handsomest of a handsome family, of the easiest culture and of a strong and rapid growth; the foliage is of varied forms and the markings fantastic. The flowers are very large, of good substance, remaining open most of the day, and the colorings are beyond description .....oz. 30c, pkt. 5c

MOON FLOWER.

Ipomea Grandiflora Alba—One of the finest of all annual climbers. It bears lovely white flowers five to six inches in diameter, with a five-pointed star in the centre; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the spring .....Pkt. 5c

MIMULUS.

Extremely handsome flowers of brilliant colors. Seeds sown in spring make fine bedding plants for summer blooming, while seeds sown in autumn produce very effective early flowering greenhouse plants. Half-hardy annual.

Moschatus—Musk plant; ½ foot .....Pkt. 10c

Tigrinus— Tigered and spotted varieties .....Pkt. 10c

Nicotiana Affinis.

Marvel of Peru.

MARVEL OF PERU.

Mirabilis Jalapa—The flowers are varied and of beautiful colors, and are produced in great abundance. The roots may be preserved throughout the winter like Dahlias. Half-hardy annual. Finest mixed; 2 feet .....oz. 15c, pkt. 5c

NICOTIANA.

Ornamental Tobacco—Half-hardy annual.

Affinis—Sweet scented, pure white, star-shaped flowers, three inches across, blooming continually in the greenhouse in winter or when bedded out in summer.....Pkt. 5c

Affinis, Hybrids—Easily grown from seed; they thrive in any soil or situation. The plants grow from 2 to 3 feet in height, branch freely, and bear a profusion of flowers in various shades of purple, pink, red, crimson, violet, as well as pure white .....Pkt. 10c

NASTURTIUMS

Nasturtiums are probably the most popular flowers grown from seed.

BRUCE'S PEERLESS COLLECTION OF DWARF NASTURTIUMS

Seven finest varieties mailed for 25 cents.
See Collections page 41.

DWARF OR TOM THUMB VARIETIES

A charming class; unrivalled in beauty and effect; blooming from June until late in the fall; they require little care, and will flower profusely on the poorest soil. Hardy annual.

Queen of Tom Thumbs—New—Bright crimson, variegated foliage.. .. .. .

Nigella.

NIGELLA.

(Love in a Mist). A very interesting class of plants, with curious looking flowers and seed pods. Hardy annual.

Double Mixed—Flowers blue and white; ½ foot .. .. ..

PANSY—Continued.

Masterpiece—In this new type of Pansies the great advance consists in the very robust and compact habit of growth and in the immense size of the flowers, which have the remarkable feature of mostly having the margins of their petals undulated and curled. The flowers of this strain show many new shades of color, while each petal is distinctly marked with a large dark blotch...Pkt. 25c

Fire King—The three lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red . . . . . .Pkt. 10c

Lord Beaconsfield—Purple-violet, shading off, in the top petals only, in a whitish hue . . . .Pkt. 10c

Giant Trimardeau—Flowers of immense size and beautifully marked; mixed colors. . .Pkt. 10c

Giant White—An extra large white variety, with purple eye . . . . . .Pkt. 10c

Giant Curled Pansy—Masterpiece.

Giant Yellow—Yellow, with large black eye; one of the finest and showiest varieties..Pkt. 10c

Peacock—Large peacock blue flowers, with white margin; very pretty . . . . . .Pkt. 10c

Cardinal—The most brilliant red. . . . . .Pkt. 10c

King of the Blacks—Intense black . . . .Pkt. 10c

Very Fine Mixed—All colors . .oz. $1.50, pkt. 10c

Fine Mixed—All colors . . . . . .oz. $1.00, pkt. 5c

COLLECTIONS—IMPORTED GERMAN.

Twelve choice varieties. 75c
Six choice varieties 50c
Six choice varieties—giant flowered $1.00

TUFTED PANSIES OR BEDDING VIOLAS.

The plants are hardy and of vigorous compact growth. They are excellent for bedding purposes. In light rich soil and a moist situation they will continue in bloom from spring till late in the fall. The colors are charming, white, lemon, orange, lavender, purple, etc. The flowers are borne on long stems, many of them being quite fragrant . . . . . .Pkt. 10c

Double Petunia.

PETUNIA

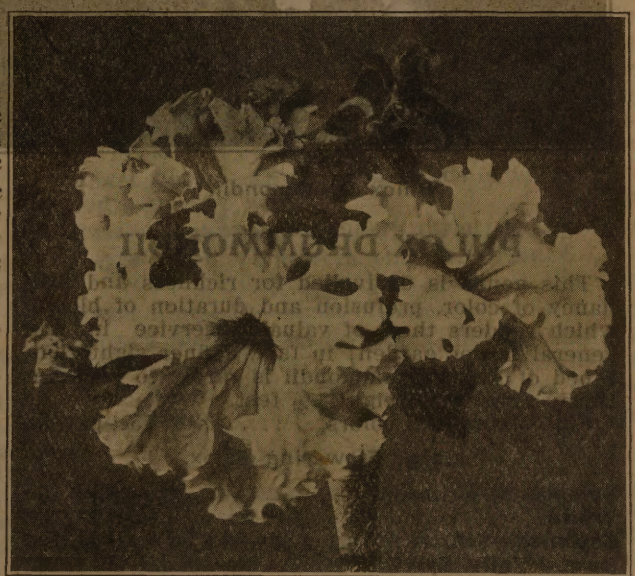
A very profuse flowering, easily cultivated garden favorite, for outdoor cultivation. In summer there is scarcely a class of plants equal to this; it commences to bloom early, and continues a mass of bloom the whole season. It is also very effective in pots for greenhouse or parlor decoration. Half-hardy annual.

Double Varieties.

Double Petunia—Splendid mixed. In this mixture will be found the best strain of large flowering, striped, blotched and fringed double Petunias, especially remarkable for the rich color and large size of the flowers, of which about 30 per cent. will be double . . . . . .Pkt. 25c

Single Varieties.

Giants of California—A California strain of incomparable beauty. The flowers are of enormous size (4 to 5 inches across), and are produced in a wonderful variety of colors, markings, etc., including many charming and delicate shades—Pkt. 25c



Petunia, Giants of California.

PETUNIA—Single Varieties—Continued.

Fine Mixed—Self colors; in great variety .. .. ..

POPPY—Continued.

Single Varieties.

Shirley—A beautiful strain, with single flowers of many colors; for bedding they cannot be excelled.. .. .. .

PRIMULA or CHINESE PRIMROSE—Continued.

Primula, or Chinese Primrose. See page 65.

DOUBLE CHINESE PRIMROSE.

Embracing beautiful shades of magenta, scarlet, rose and white. The large double and semi-double flowers are invaluable for cutting during the winter months, when other flowers are generally scarce . . . . . Pkt. 25c

VARIOUS PRIMULAS.

The following varieties are of the easiest culture, flowering abundantly and continuously with little care. Seed sown under glass in February will produce flowering plants by the middle of May. Charming pot plants.

PRIMULA OBCONICA GIGANTEA—This new variety is the finest yet produced. See novelties, page 43 . . . . . Pkt. 25c

PRIMULA OBCONICA GRANDIFLORA—A profuse bloomer, bearing on long stems heads containing 10 to 15 flowers. Pure white to rosy-lilac . . . . . Pkt. 20c

PRIMULA OBCONICA GRANDIFLORA FIMBRIATA—The flowers of this variety are exquisitely fringed, which makes them appear more graceful and adds to the general attractiveness of this popular Primula . . . . . Pkt. 25c

DOUBLE PRIMULA OBCONICA—The flowers of this new double variety are produced in large trusses borne on stout stems and rising well above the foliage; the individual flowers are of good size, and a very delicate shade of light rosy lilac. . . . . Pkt. 25c

PRIMULA FORBESI—Like Obconica, this species begins to flower in babyhood and continues a mass of bloom all the year round. Each flower stem bears 3 to 6 whorls of pale rosy lilac flowers, smaller than those of Obconica, but more charming and graceful . . . . . Pkt. 25c

HARDY PRIMROSES.

New Giant Hardy Garden Primrose (Primula Veris Grandiflora)—This new giant Primrose is a vast improvement in every way on the old type, Polyanthus. The flowers are very large, measuring from 1½ to 2 inches in diameter, are borne on long stems 10 to 12 inches in length; the leaves are larger than those of that type and the colors are richer and more varied . . . . . Pkt. 25c

Mixed Hybrids—Flowers of these new hybrids are produced in all shades of color, varying from white to crimson . . . . . Pkt. 10c

Yellow—The old fashioned favorite . . . . Pkt. 5c

PRIMROSE—POLYANTHUS.

Splendid free-flowering plants, either for pot culture or open border. Hardy perennial. Height ½ foot.

Fine Mixed—Border varieties. . . . . Pkt. 10c

PRIMROSE—JAPONICA.

This beautiful Primrose, growing about 1¼ feet in height, produces from its tuft of robust leaves a stem bearing four or five separate tiers of whorls of charming flowers, each flower being an inch in diameter and of splendid magenta color. Half-hardy perennial . . . . . Pkt. 10c

PYRETHRUM

Handsome hardy perennials, very desirable for borders, the elegant flowers being much prized for cutting, in bloom June; height 2 feet.

Flowering Varieties.

Double Mixed—Beautiful Aster-like flowers, ranging in color from white to rose and purplish crimson. . . . . Pkt. 10c

Single Mixed—Large Daisy-like flowers of many beautiful colors; excellent for cutting. . . Pkt. 5c

Yellow Leaved Sorts.

Well known dwarf growing plants, extensively used for bedding purposes.

Golden Feather (Aureum)—Very popular. Pkt 5c

Feverfew—See Matricaria, page 59.

Pinks—See Dianthus, page 55.

ROSA MULTIFLORA NANA.

Liliput Rose—This new dwarf Polyanthus Rose flowers the first season from seed. The flowers are single, semi-double and double, are of perfect form, and are produced in every color exhibited by other roses. The plants grow only about 15 inches high, forming very neat compact bushes. Pkt. 10c

ROCKET.

Very pleasing early spring flowers, deliciously fragrant. Hardy perennial.

Purple and White—1½ feet. . . . . Pkt. 5c

SAPONARIA.

Of these beautiful little plants it is impossible to speak too highly. They carpet the ground with their beautiful star-shaped flowers during the summer and autumn months; for edging they are unequalled, bearing cutting back if necessary. Hardy annual.

Calabrica—Rich deep pink, 1½ ft. oz. 30c, pkt 5c

SALPIGLOSSIS.

Highly ornamental and remarkably beautiful summer blooming plants. Their curiously pencilled and marbled funnel-shaped flowers produce a fine effect in beds, borders, edging, etc. Hardy annual.

Salpiglossis.

Superbissima or Emperor—A grand new strain, remarkable for its very large flowers, which are of brilliant, varied colors, all richly veined with gol . . . . . Pkt. 10c

Finest Mixed—Large flowering sorts. Beautiful colors; 1½ feet . . . . . oz. $1.00, pkt. 5c

Salvia Splendens.

SALVIA

(Flowering Sage)..A favorite bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming first year from seed, which should be sown as early as possible either indoors or in a hot-bed and the young plants transferred to their flowering quarters when the weather has become settled and warm.

Fireball—New—A magnificent early flowering dwarf variety. See description page 43.. .. ..Pkt. 15c

Zurich—New—The earliest flowering sage. See description on page 43 .. ..Pkt. 15c

Splendens—Brilliant scarlet flowers; a magnificent variety; 3 feet.. .. ..Pkt. 10c

Splendens Compacta, Bonfire—In habit more dwarf and compact than above; flowers intense scarlet; unsurpassed for bedding and pots; 2 feet .. ..Pkt. 15c

Patens—Handsome large deep blue velvety flowers; highly recommended; 2 feet.. .. ..Pkt. 20c

Coccinea—Scarlet, very showy; 1 ft...oz. 40c, pkt. 5c

SCARLET RUNNER BEANS.

A great favorite in England and the continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms; grows 10 to 15 feet high. Pkt. 5c, pint 25c; postage extra.

SCABIOSA.

Sweet Scabious—Flowers are double, remarkably handsome and very richly colored, crimson, purple, pink and lilac shades predominating; splendid for cutting. Hardy annual.

Double Mixed—Large double flower; 2 ft. ,oz. 30c, pkt. .. ..

Stocks.

STOCKS

The Stock is one of the most popular, beautiful and important of our garden favorites. Whether for bedding, massing, edging or ribboning, it is unsurpassed either for brilliancy or diversity of color, or duration of bloom. Half-hardy annual.

SUMMER FLOWERING TEN WEEK VARIETIES.

Fine Mixed . . . . . oz. $1.50, pkt. 5c
Choice Double Mixed—Large flowered sorts, extra fine. . .Pkt. 10c
Pure White. . . . . Pkt. 10c
Royal Gem—Rich dark crimson . . . . . Pkt. 10c
Triumph—Brilliant scarlet . . . . . Pkt. 10c
Giant Perfection—Choice mixed . . . . . Pkt. 10c
Imported Collection—12 finest varieties 75c
Imported Collection—6 finest varieties 50c
Snowflake Forcing—A dwarf variety with large double snow-white flowers. Fine for pot culture . . . . . Pkt. 25c

PERPETUAL OR BRANCHING STOCK.

(Cut and Come Again)—A magnificent Stock of strong growth and fine branching habit, bearing enormous spikes of large double flowers, suitable alike for the garden and winter forcing under glass.

Princess Alice—Pure white. . . . . Pkt. 10c
Rose . . . . . Pkt. 10c **Scarlet** . . . . . Pkt. 10c

EAST LOTHIAN INTERMEDIATE STOCK.

These stocks, when properly cultivated, are acknowledged to be the best of all intermediate varieties; the purity and constancy of their respective colors, their continuous blooming and great percentage of double flowers which they produce, renders them the most valuable for garden or pot culture. **White or Scarlet**—Mixed or separate colors. . . . . Pkt. 15c

WINTER STOCK—"BEAUTY OF NICE."

Under good cultivation the plant attains a height of 2 to 2½ feet, and throws up a gigantic main flower spike of about a foot in length. All around the central stem the plant sends out a number of long side shoots, loosely covered with uncommonly large and very fragrant flowers—a delicate shade of fleshy pink. A striking feature in this Stock is the rapidity with which it comes into bloom, so that it may just as readily be employed as an early Ten-week Stock . . . . . Pkt. 10c

GIANT NICE STOCK, "ABUNDANCE"—New—See page 42.

BIENNIAL STOCKS.

Brompton—Large flowered early variety, of dwarf compact habit; producing a beautiful display of double flowers. Snow White and Scarlet, mixed or separate colors. . . . . Pkt. 15c

Miniature Sunflower.

SUNFLOWER

(Helianthus.) Very showy plants; remarkable for their stately growth and the brilliancy and size of their flowers, and well adapted for large shrubbery borders or round the margin of lakes and ponds. Hardy annual.

Single Varieties.

Miniature—Of dwarf branching habit, producing an abundance of small flowers of a bright golden yellow with dark centre; one of the finest; 3 ft. oz. 25c pkt 5c

New Miniature Seedlings—These new seedlings retain the same growth and freedom of flowering of the original Miniature Sunflower, but the individual flowers are most distinct in color and markings. They come in charming shades of orange, yellow and primrose. Some of the single flowers, with their twisted petals, resemble the Cactus-Dahlia, others are semi-double, whilst others are quite double and full centered like those of the large flowered double sorts. . . . . Pkt. 5c

Giant Russian—Very large, 8 feet. . . . . Pkt. 5c

Primrose Dame—Sulphur yellow, with black centre; 6 feet. . . . . oz 15c, pkt. 5c

Double Varieties.

Chrysanthemum-Flowered—Grows 7 feet high and bears profusely all summer long. Flowers are perfectly double, and of the very brightest golden yellow. The plants remain in bloom a long time and bear flowers of so many sizes that any one can suit himself as to what size would make the prettiest bunch. The flowers are so perfect in form that they resemble very double Chrysanthemum-flowered Asters, with long stems . . . . . oz. 25c, pkt. 5c

Globosus Fistulosus—Handsome large flowered; 5 feet. . . . . oz. 20c, pkt. 5c

Many Flowered Double—Handsome and ornamental; it grows erect, about 4 feet in height, with only a single stock, and at each leaf joint is a very short stem, terminating in a fine double flower. The terminal flower is the largest, being from 6 to 8 inches in diameter . . . . . oz. 25c, pkt. 5c

Dwarf Double—Very attractive; 4 feet . . . . . oz. 25c, pkt. 5c

Tall Double—Large bright yellow flower; 5 feet. . . . . oz. 20c, pkt. 5c

SWEET PEAS

These lovely and deliciously perfumed flowers are everywhere appreciated. They possess all the qualities which are prized in decorative flowers, gracefulness of form, brilliant and varied coloring, slender stems and sweet perfume. When cut for filling vases the blooms will last for days. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. As fast as the flowers come into full bloom or fade they should be cut off, for if the pods are allowed to form the plants will stop blooming. Seed may be sown with great advantage late in the autumn.

A Carefully Revised List of the Best New and Standard Varieties.

PURE WHITE, PRIMROSE, AND VERY LIGHT SHADES.

Dorothy Eckford—Pure white; the plant is very short jointed and grows an enormous mass of bloom. Pkt. 5c, oz. 10c.

Earliest White (Burpee)—One of the very earliest varieties; plants dwarf, 18 to 24 inches high; flowers pure white, borne upon strong stiff stems. Pkt. 10c, oz. 20c.

Emily Henderson—Pure white, extra fine. Pkt. 5c, oz. 10c.

Golden Rose — Primrose, lightly striped and mottled with light pink. Pkt. 5c, oz. 10c.

Honorable Mrs. E. Kenyon — Primrose, self-colored, large semi-hooded flower; this is the largest and best of this shade. Pkt. 5c, oz. 10c.

Marchioness of Cholmondeley—A soft shade of cream, overlaid and edged with a delightful shade of pink. Pkt. 5c, oz. 10c.

Mont Blanc—Extremely early; the flowers are of the purest snowy whiteness, splendid for forcing purposes. Pkt. 5c, oz. 10c.

Mrs Collier—New—Beautiful yellowish-cream color. Large long-stemmed flowers with large round standards. Very free flowering. Pkt. 5c, oz. 15c.

Nora Unwin—New white. This charming variety takes its place in the front rank of pure whites. It has the same bold wavy standard and broad wings of the Gladys Unwin type; a strong, vigorous grower and free bloomer. Pkt. 10c, oz. 20c

Primrose Spencer—New primrose yellow. See page 44.

Queen Victoria—Color soft yellow, subtly overlaid with faint purple, imparting a lustre most desirable but difficult to describe. Pkt. 5c, oz. 10c.

Stella Morse—Deep cream with blush pink; hooded form. Pkt. 5c, oz. 10c.

Sybil Eckford—New—Medium sized flower. The standard is light apricot, the wings cream and lemon, quite distinct and charming. Pkt. 5c, oz. 15c.

White Spencer—New white. See page 44.

Florence Morse Spencer.

White Wonder—The flowers are uniformly of large size, borne six to eight on long stout stems. About half the flowers have double standards. Pkt. 5c, oz. 15c.

PINK AND ROSE.

Agnes Eckford—Flowers a beautiful soft light pink, resembling the favorite Prima Donna in shade, but larger in size, while the coloring is even more delicate and pleasing. Pkt. 5c, oz. 15c.

Apple Blossom Spencer—See Novelties, page 45.

Beatrice Spencer—See Novelties, page 44.

Bolton's Pink—Standards self-pink, shaded delicate rose, wings pale pink; very large flower with erect standards of fine substance. Pkt. 5c, oz. 10c.

Countess Spencer—A beautiful clear pink, showing a little deeper at the edges. The form is open and the margins of the petals wavy. A strong, vigorous grower, the large flowers are borne three and four upon long stiff stems. Pkt. 10c, oz. 20c.

Earliest of All—Standard rosy pink, wings white, lightly tinged with pink, growing only about 2 ft. high; it comes into bloom fully ten days earlier than Extra Early Blanche Ferry. Pkt. 5c, oz. 15c.

Gladys Unwin—New—The large flowers have a very striking, upright, or wavy standard and broad wings; color a pale rosy-pink. Pkt 5c. oz 15c

Janet Scott—A pure rich shade of pink, flowers unusually large, generally borne three on a stem, hooded form. Pkt. 5c, oz. 10c.

PINK AND ROSE—Continued.

Florence Morse Spencer—New—This charming variety is a delicate blush with pink margin. The flowers are very large, with the wavy form of the Spencer type, with long stems and four blossoms to the stem. An exquisite flower. Pkt. 10c, oz. 30c.

Lovely Spencer—See Novelties, page 44.

Mrs. Alfred Watkins—New—A superb pale pink, the exquisite flowers borne on very long stems; large wavy Unwin standard. Pkt. 10c, oz. 20c.

Mrs. Routzhan Spencer—See Novelties, page 44.

Paradise—New—Flowers as large as those of Countess Spencer, having the same beautiful form; coloring bright, warm rose-pink in shades. Pkt. 10c, oz. 20c.

Prima Donna—A lovely shade of soft pink, of large size and fine form; very frequently bears four flowers on a stem. Pkt. 5c, oz. 10c.

Queen of Spain—New—Soft rose-pink overlaying buff. Splendid large flowers of finest form, on long stems. Pkt. 10c. oz. 20c.

Venus—Salmon buff; magnificent flower. Pkt. 5c, oz. 10c.

ORANGE AND PINK.

Evelyn Byatt—A gorgeous variety, having a rich orange-salmon standard with wings of a trifle deeper color; very striking and unique. Pkt. 5c, oz. 15c.

Gorgeous—Standard rich orange-salmon, wings bright orange rose. Very showy. Pkt. 5c, oz 10c.

Helen Lewis—New—The orange-rose wings roll and fold, the standard is reflexed, showing the distinctly fluted effect, and is of an intense rich crimson-orange. Pkt. 10c, oz. 20c.

Henry Eckford—An intense salmon-orange self, unique in color and absolutely distinct. Pkt. 5c, oz. 10c.

Miss Willmott—A grand flower of great substance, standard rich, deep orange-pink, wings rose with orange tint; semi-hooded form; flower stems long and stiff. Pkt. 5c, oz. 10c.

St. George—New—See Novelties, page 44.

ROSE CRIMSON.

Earl Cromer—New—A rich reddish chocolate, with pinkish claret wings; very large, long stemmed flowers with round open standard. Pkt. 10c, oz. 20c.

E. J. Castle—New—Bright crimson-rose, with veins of deeper rose; very striking. Pkt. 10c, oz. 20c.

George Herbert—New—Flowers of largest size, with broad, round waved standard of rich scarlet-rose; wings crimson-rose. Pkt. 10c, oz. 20c.

John Ingman—New—The beautiful fluted flowers are a rich carmine-rose in the standard, with wings of a deep rosy-pink. Pkt. 10c, oz. 20c.

Mrs. Dugdale—Standards crimson-rose, shaded rich primrose; wings primrose, shaded and splashed light rose—a most charming color. Pkt. 5c, oz. 10c.

Phyllis Unwin—New—Color is deep rosy carmine self, with the same crinkled and wavy standard of Gladys Unwin. Pkt. 5c oz. 15c.

Prince of Wales—A bright rose self of intense color and fine bold form, bearing three and frequently four flowers well placed on long, stout stems. Pkt. 5c, oz. 10c.

RED, SCARLET AND CRIMSON.

Coccinea—Soft cherry-red self-colored flower, a distinct shade, very bright and attractive; flowers of good size; semi-hooded. Pkt. 5c, oz. 10c.

King Edward VII—This is a lovely bright crimson self. A true giant-flowered variety, with strong stems and growth, with no inclination to burn in the sun. Pkt. 5c, oz. 15c.

King Edward Spencer—New—See Novelties, page 45.

Helen Lewis.

Prince Edward of York—Finely expanded standards of a charming shade of scarlet and large wings of the deepest rose color. Pkt. 5c, oz. 10c.

Queen Alexandra—An intense scarlet self of grand texture and finest form. The plant is a vigorous grower and very free flowering, the flowers large and borne on long stiff stems. Pkt. 5c, oz. 15c.

Salopian—A superbly beautiful variety. Color deep crimson tinged with mulberry red suffused with rich orange scarlet; flowers large, finely formed and handsome. Pkt. 5c, oz. 10c.

Scarlet Gem — A dazzling scarlet, beautiful, bright and clear, strong grower and free flowering. Pkt. 5c, oz. 10c.

STRIPED, PICOTEE EDGED, AND MOTTLED.

Aurora—The flowers, which are gigantic in size, are borne three or four on a stem; the color effect is gorgeous. Both standards and wings are flaked and striped on a white ground with bright orange-salmon. Pkt. 5c, oz. 10c.

Aurora Spencer—New—See Novelties, page 45.

Dainty—Flowers of the largest size, upon first opening appear to be white but quickly change to white with pink edge, making a most charming contrast. Pkt. 5c, oz. 10c.

Jessie Cuthbertson—A fine erect standard, pale buff ground striped with rosy magenta, three and often four flowers on a stem. Pkt. 5c, oz. 10c.

Helen Pierce—A very pretty and distinct variety. Flowers a bright blue, mottled and marbled on white ground, after the style of a Gloxinia in coloring and markings; very striking and unique. Pkt. 5c, oz. 15c.

Lottie Eckford—Flowers large, standard white, shaded mauve; wings white, blue edged; very handsome. Pkt. 5c, oz. 10c.

Maid of Honor—Beautiful flowers, shaded light blue on a white ground and edged with violet. Pkt. 5c, oz. 10c.

Phenomenal—White, tinged rosy-lavender, deepening towards the edges; standards produced in pairs are full and wavy. Pkt. 5c, oz. 15c.

LAVENDER, MAUVE AND PURPLE.

A. J. Cook—Large flowers of Unwin type, light rose purple and bluish heliotrope. Pkt. 5c, oz. 15c.

Flora Norton—This is a very bright self blue, darker than Mrs. Geo. Higginson, quite distinct, and a great acquisition. Pkt. 5c, oz. 10c.

Frank Dolby—New—A lovely pale blue, with the bold wavy standard of the Unwin type, possibly the best of this color. Pkt. 10c, oz. 20c.

Lady Grisel Hamilton—Color a beautiful shining pale lavender. In form it is one of the most advanced giant-flowered type. Pkt. 5c, oz. 10c.

Lady Nina Balfour—Delicate light lavender or lilac, very attractive. Pkt. 5c, oz. 10c.

Mrs. Geo. Higginson, Jr.—A very distinct and delicate pure light blue. Pkt. 5c, oz. 10c.

Mrs. Walter Wright—The standard is a beautiful shade of mauve, clear and bright, while the wings are of a bright coerulean blue. Pkt. 5c, oz. 15c.

Romolo Piazzani—A violet-blue self; the standard is only slightly hooded; flower of great size and substance, very vigorous grower. Pkt. 5c, oz. 15c.

MAROON, INDIGO AND VIOLET.

Black Knight—A very deep maroon self, the best of the color; the plants are of vigorous growth and free flowering. Pkt. 5c, oz. 10c.

Black Knight Spencer—New—See Novelties, page 45.

Black Michael—Color a bright reddish maroon, almost a self color, the wings being only a shade lighter than the standard—a very desirable color. Flowers are large and well shaped. Pkt 5c, oz 10c.

Duke of Westminster—A deep rose-maroon overlaid with bright shining violet; a grand flower, perfectly distinct from any other variety. Pkt. 5c, oz. 10c.

Horace Wright—Large long-stemmed flowers with round open standard of velvety plum-purple; wings violet-purple. The best of this color. Pkt. 5c, oz. 15c.

Lord Nelson—New—An improved navy blue, the flowers being larger and of a richer indigo blue. Pkt. 5c, oz. 15c.

Othello—A beautiful dark brown chocolate red, self colored flowers, a color not before attained. Pkt. 5c, oz. 10c.

Shahzada—The color, rich dark maroon with a shade of purple, is most distinct and attractive. Pkt. 5c, oz. 10c.

BRUCE'S SPENCER COLLECTION

1 pkt. each

Flora Norton Spencer.	Aurora Spencer.
Lovely Spencer.	Apple Blossom Spencer.
Black Knight Spencer.	White Spencer.

6 packets for 50c, postpaid.

Sweet Peas in Mixture

Bruce's Superb Mixed—In the blending of this superb mixture the greatest care has been taken; composed exclusively of the best up-to-date giant flowering and Spencer varieties, and in such quantities as to produce the best color effect. We can safely say no better mixture is offered, no matter under what name or at what price. Pkt. 10c, oz. 20c, 2 oz. 35c, ¼ lb. 60c, lb. $2.00.

Bruce's Choice Mixed—This fine mixture is a choice blending (mixed by ourselves) from named varieties only, including many of Eckford's best, insuring a most satisfactory result in colors, and vastly superior to the ordinary mixture sold, which usually contains a large proportion of dull colors. Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

Good Mixed—Oz. 5c, ¼ lb. 15c, lb. 45c.

MIXED SWEET PEAS IN SEPARATE COLORS.

For such as prefer to grow the various colors separate we offer the following mixtures out of choice named sorts. White and primrose, lavender shades, purple and maroon, pink shades, red and scarlet. Price of above, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

DOUBLE SWEET PEAS.

Under favorable conditions these will produce a large percentage of double flowers.

Mixed Double Sweet Peas—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

BUSH SWEET PEAS.

The plants are semi-erect, 15 to 18 inches high when in full flower, but branching freely, so that the close bushes are frequently 15 inches and more in diameter.

Mixed—All colors—Pkt. 5c, oz. 10c, 2 oz. 15c, ¼ lb. 25c, lb. 75c.

DWARF SWEET PEAS.

Plants are seldom more than 6 to 8 inches in height, and form a dense mat of richest green foliage 15 inches or more in diameter. The flowers are fully equal in size to those of the tall growing varieties, but are placed closely together, generally three or four at top of a stout stem. For bedding, bordering, or cemetery decoration they are specially valuable.

Choice Mixed Cupids—Pkt. 5c, oz. 10c 2 oz. 15c, ¼ lb. 25c, lb. 75c.

CHRISTMAS FLOWERING SWEET PEAS.

Zvolanek's Original—For growing under glass these new and distinct Sweet Peas are most suitable. By frequent sowings, commencing the middle of August and on during the fall and winter, cut flowers can be had in abundance from Christmas until the following June.

Florence Denzer—White. Pkt. 10c, oz. 30c.
Christmas Pink—Pink and white. Pkt. 10, oz 30c
Mrs. Wm. Sim—Salmon pink. Pkt. 10c, oz. 50c.
Mrs. Alex. Wallace—Lavender. Pkt. 10c, oz. 50c.
Meteor—Scarlet. Pkt. 10c, oz. 50c.
Mixed—Many fine sorts. Pkt. 10c, oz. 25c.

SWEET PEAS IN COLLECTION

BRUCE'S ROYAL NOSEGAY

One package each of the ten Superb Varieties described below mailed for 25c.

WHITE WONDER, double white.	HELEN LEWIS, orange pink.
SYBIL ECKFORD, light buff.	KING EDWARD, scarlet.
AGNES ECKFORD, light pink	FLORA NORTON, lavender.
GLADYS UNWIN, pink.	LORD NELSON, dark blue.
AURORA, striped.	HORACE WRIGHT, violet maroon.

The varieties in the above Unequalled Collection have been specially selected to give the greatest diversity of the choicest and most striking colors.

When Sweet Peas are required by Mail add Postage to the lb. prices only at the rate of 5c per lb. to Canadian Points, and 16c per lb. to Newfoundland and the United States.

SWEET ALYSSUM—See page 46.
SWEET SULTAN—See page 52.

SWEET WILLIAM.

Dianthus Barbatus—Well known and popular biennial, of easy culture. The plants are hardy and of a vigorous growth; the flowers sweet scented, borne in profusion, are of extreme richness and variety of color.

Holborn Glory—This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb.....Pkt. 10c
Auricula Flowered—Splendid strain.....Pkt. 5c
Double—Finest mixed.....Pkt. 5c
Single—Finest mixed.....oz. 30c, pkt. 5c
Single—Crimson.....Pkt. 5c

THUNBERGIA.

Handsome, free flowering and rapid growing climbers, for the conservatory or out-door cultivation. Half-hardy annual.
Fine Mixed—White, orange, etc.....Pkt. 5c

Thunbergia.

TORENIA.

A very fine annual, forming a splendid plant for vases, hanging baskets, greenhouses, or for growing out of doors.
Fournieri—Large sky-blue flowers, with 3 spots of dark blue, and bright yellow centre.....Pkt. 10c
Bailloni—Golden yellow, with brown-red throat.....Pkt. 20c

VINCA.

Ornamental free-flowering plants. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower; 2 feet. Tender perennial.
Mixed Colors—Pink and white.....Pkt. 5c

VIRGINIAN STOCK.

Extremely pretty, profuse blooming little plants; effective in small beds, baskets and edgings, grows freely in any soil. Hardy annual.
Red—½ foot.....Pkt. 5c

VIOLET.

Well known fragrant spring flowering plants. Seed takes about 3 or 4 months to germinate. Hardy perennial.
White Perpetual—Very pretty; ½ ft.....Pkt. 10c
The Czar—Large flowered purple.....Pkt. 10c

VERBENA.

A universal favorite, raised from seed sown in January or February will bloom abundantly during the summer and autumn of the same year.

Sweet William.

VERBENA—Continued

The plants are more robust in growth, and produce more flowers than those propagated from cuttings. Half-hardy perennial.
Fine Mixed—All colors.....oz. $1.00, pkt. 5c
Choice Mixed—From named flowers.....Pkt. 10c
Striped Italian—Very fine.....Pkt. 10c
New Mammoth—The plants of this variety bloom freely and are vigorous in growth. The flowers are of the largest size and embrace all the beautiful new colors and shades.....Pkt. 10c
Mammoth White.....Pkt. 10c
Mammoth Scarlet.....Pkt. 10c
Mammoth Purple.....Pkt. 10c
Collection (imported) of six finest colors.....60c
Lemon Scented—The Lemon Verbena (Aloysia citriodora) is an old fashioned favorite with delightfully scented foliage. A sprig of it is often included in mixed bouquets. The leaves when dried will retain their fragrance for years. It is a low-growing tender shrub and may be grown in garden in summer and in pots in winter. Pkt. 10c.

Verbena.

WALLFLOWER.

A well known fragrant plant. Half-hardy perennial.

Single Mixed . . . . . .oz. 40c, pkt. 5c

German Double—Choice mixed; 2 feet. .Pkt. 10

NEW ANNUAL WALLFLOWER.

Flowering the same season from spring-sown seed, their adaptability for pot culture and outdoor planting, with their delicious, fragrant, light brown flowers should make these new annuals general favorites . . . . . .Pkt. 5c

ZINNIA.

Very handsome, free flowering plants, of great richness and variety of color, which have long been grand favorites. The flowers measure 2 to 3 inches in diameter, and of various shades of color, embracing purple, deep rose, light rose, mottled rose, red, orange and buff; they resemble in their outline a fine double French Marigold, but much larger in size. Half-hardy annual.

Tall Double Mixed . . . . . .oz. 50c, pkt. 5c

Dwarf Double Mixed . . . . . .oz. 50c, pkt. 5c

Double White. . .Pkt. 5c | **Double Scarlet**. .Pkt. 5c

Giant Flowered—This variety forms a handsome bush, 3 ft. in height, and the mammoth double flowers, measuring 5 to 6 inches across, are of most brilliant colors . . . . . .Pkt. 5c

Liliput Flowered—A charming new class, with small and very double flowers, excellent for bouquets; mixed colors. . . . . .Pkt. 5c

Crested and Curled—The flowers are large and double, the petals being twisted and curled into most graceful forms; all shades and color; finest mixed . . . . . .Pkt. 5c

Collection of 6 finest double varieties, 50c.

Helichrysm—Everlasting.

Double Zinnia.

EVERLASTINGS

The Everlasting flowers are not only ornamental during the summer, but very attractive for winter decoration. They should be cut as soon as they come into bloom and dried in the shade with the heads downward to keep the stems straight.

Acroclinium—Double mixed, white and rose. Half-hardy annual.

Globe Amaranth—(Gomphrena)—Double mixed. Hardy annual.

Helichrysum—Exceedingly effective, double flowers of most brilliant colors. Hardy annual.

Helipterum—Flowers white and golden yellow. Tender annual.

Rhodanthe—Very handsome, rose and white mixed. Tender annual.

Xeranthemum—Double mixed; purple, yellow, and white mixed. Hardy annual

Any of above, pkt. 5c; the six for 25c.

SPECIAL MIXTURE OF FLOWER SEEDS FOR WILD FLOWER GARDENS

These mixed flower seeds embrace a great variety of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for sowing in almost any odd corner of the garden or grounds, and if kept free from weeds can be made to produce a continual display of bloom during summer. Pkt. 10c, ¼ oz. 20c, oz. 30c.

ORNAMENTAL GRASS SEEDS

Are remarkably valuable for the formation of winter bouquets, wreaths and other ornaments, in connection with the everlasting flowers, for which purpose they should be cut when green, at about the time of flowering, and dried in the shade. **Those marked with an Asterisk are Perennial Species.**

Agrostis Pulchella—Very beautiful . . . . . .Pkt. 5c

Agrostis Nebulosa—The most elegant of ornamental grasses . . . . . .Pkt. 5c

Briza Maxima—One of the most ornamental grasses; perfectly hardy . . . . . .Pkt. 5c

***Bromus Brizaeformis**—Very fine grass, with elegant hanging ears . . . . . .Pkt. 5c

Briza Gracilis—Very beautiful variety from Cape of Good Hope . . . . . .Pkt. 5c

Eragrostis Elegans—An elegant airy grass of dwarf growth . . . . . .Pkt. 5c

***Erianthus Ravennae**—Extremely elegant, resembling the Pampas Grass in appearance and habit of growth; its noble plumes of silvery inflorescence are pure white and delicately beautiful; 7 ft. Pkt 5c

***Gynerium Argenteum**—(Pampas Grass)—The most noble grass in cultivation; flowers second season; not quite hardy here, though we have kept plants safely by covering with leaves . . . . .Pkt. 5c

Lagurus Ovatus—(Hare's Tail Grass)—Small white plumes; 1 foot . . . . . .Pkt. 5c

Pennisetum Longistylum—Graceful greenish-white plumes, excellent for beds; 2 feet . . . .Pkt. 5c

Pennisetum Rueppelianum—(Purple Fountain Grass)—Beautiful and graceful green foliage and purplish plumes, and unequalled as an edging to a bed of Cannas or other tall plants; 3 ft. . .Pkt. 5c

***Stipa Pennata**—(Feather Grass)—Magnificent but rather difficult to grow without heat. .Pkt. 5c

Tricholaena Rosea—Exceedingly pretty . . . . . .Pkt. 5c

FLOWERING BULBS

Gladiolus for Spring Planting

There are few flowers which produce such a gorgeous effect as this magnificent autumn flowering plant. Largely as they are used, and popular as they undoubtedly are, they deserve to be still more extensively grown. The great wealth and variety of color, the richness of their markings, and size of the flowers and the profusion of bloom, all combine to make them one of the most effective plants for the garden, either for massing or for growing as single specimens.

Culture—Gladiolus are of the easiest culture. The bulbs may be planted any time from the middle of May up to the end of June. They will grow well in ordinary garden soil with almost no care whatever. The bulbs may be taken up in the fall and stored during the winter in a dry cellar away from frost.

The following 5 collections are all grown from stocks of H. H. Groff, the famous Canadian specialist, the greatest authority and introducer of Gladiolus of the present day. He was awarded the gold medal at the World's Fair, St. Louis, and Pan-American Exhibition, Buffalo.

World's Fair Collection—Combines all the high class recent novelties, consisting of shades of red, scarlet, pink, crimson, cerise, salmon, yellow, blue, white and light colors, with flowers of exceptional size and beauty. 12c each, 10 for $1.00, 25 for $2.25.

Collection A, Hybrid Seedlings—Newest shades of red, scarlet, cerise, pink, salmon and crimson. 10c each, 10 for 80c, 25 for $1.75.

Collection B, Hybrid Seedlings—Newest shades of white, light and yellow. 12c each, 10 for $1.00, 25 for $2.00.

Collection C, Hybrid Seedlings—Newest shades of blue, lilac, clematis and heliotrope. 12c each, 10 for $1.00, 25 for $2.00.

Collection D—Equal quantities of above three collections. 11c each, 10 for 90c, 25 for $1.90.

Grand Named Gladiolus

America—Exquisite soft lavender pink, the most beautiful color yet seen in Gladiolus. Grand long erect spikes, the best florists' variety and a beautiful bedding sort. 10c each, 10 for 80c.

Attraction—Deep, dark, rich crimson, with a very conspicuous large pure white centre and throat; splendid for florists. 10c each, 10 for 80c.

Blanche—Large flowers, pure snow white, with but faint marks. 20c each, 10 for $1.80.

Blue Jay—Finest blue Gladiolus yet seen. It is a rich deep color of an indigo blue. 20c each, 10 for $1.80.

Cardinal—Perfect flower and spike, very large, of the brightest and most intense cardinal scarlet. Very rich and showy, and the very finest light colored sort yet seen. 20c each, 10 for $1.60.

Ceres—Pure white, spotted with purplish rose. Splendid variety for cut flower trade. 5c each, 10 for 40c.

Contrast—Flowers of great substance and a beautiful compact spike of perfect form. Color intense scarlet, with a large distinct pure white centre, which is neither tinted or mottled. 30c ea.

Harlequin—White and dark crimson, freely suffused, striped and spotted. 20c each, 10 for $1.80.

Irene—Fine large flower and spike. Color a fine shade of pink freely flaked bright crimson. 10c each, 10 for 90c.

May—A lovely pure white flower, finely flaked bright rosy crimson. Splendid variety for cut flower trade. 5c each, 10 for 40c.

Melrose—White flaked pink, bright crimson centre. Very large and fine. Splendid for florists. 20c each, 10 for $1.80.

Octoroon—A beautiful salmon pink, very distinct. 10c each, 10 for 80c.

Princeps—(The Amaryllis-flowered Gladiolus)—Color, rich crimson with broad white blotches across the lower petals, making it a most striking variety. 20c each, 10 for $1.80.

Sulphur King—Beautiful clean sulphur yellow, finest and clearest of yellow sorts. 30c each, 10 for $2.50.

Variabilis—Enormous size and vigor, standing nearly seven feet high, with the largest spike of any Gladiolus. The flowers range in color from deep dull pink, flaked with blue black, to a solid blue black color of smoky hue, flaked with pink. Throat mottled white. 10c each, 10 for 80c.

Wm. Falconer—Spike of great length and flowers of enormous size. Beautiful clear light pink. 10c each, 10 for 80c.

Wild Rose—Very bright rose or blush tint. Exceedingly delicate and pretty. 30c each, 10 for $2.50.

1 each of above fine collection, 17 for $2.50.

1 each of 10 of above, our choice, for $1.00.

MIXED GLADIOLUS.

Bruce's Superb Mixed—This splendid mixture is made up by ourselves and includes Groff's magnificent hybrids, Childsi, Lemoinei and Gandavensis. 7c each, 10 for 60c, 25 for $1.25.

Groff's Hybrid Seedlings—A good mixture of blooming bulbs. 10 for 30c, 25 for 60c, $2 per 100.

Childsi Mixed—A very superior mixture. 10 for 50c, 25 for $1.00, $3.75 per 100.

Choice Mixed—A satisfactory mixture, strong flowering bulbs. 10 for 25c, 25 for 60c, $2 per 100.

Bruce's White and Light Shades—Fine, specially for florists. 10 for 35c, 25 for 75c, $2.50 per 100.

Gladiolus prices are postpaid to Canadian points. To United States and Newfoundland add 50c per 100 for postage.

DAHLIAS

We offer below a superb collection of Dahlias of various types, selected and grown by one of our leading florists. The tubers are large, and each will produce from two to three strong eyes. Plant when the ground is dry and warm, from middle of May to middle of June, in rich loamy soil; water frequently after planting and tie to stakes. A little pruning and thinning out will produce extra large blooms. About the middle of October take up the roots and place on shelves in a dry cellar, free from frost.

Cactus Dahlia—Countess of Lonsdale.

SHOW VARIETIES—Double.

A. D. Livoni—Fine pink.
Black Diamond—Dark maroon.
Frank Smith—Purple tipped white.
Goldfinch—Yellow.
John Walker—White.
Uncertainty—Pink striped dark.

DECORATIVE AND FANCY VARIETIES—Double.

Arabella—Primrose, tipped rosy lavender.
British Splendor—Fine crimson.
Beauty—White.
C. W. Bruton—Canary yellow.
Emily—Rosy lavender and white.
Jessie McIntosh—Red tipped white.
Magnificent—Yellow edged red.
Nymphaea—Fine pink.
Miss Browning—Yellow tipped white.
Pink Beauty—Pink shaded purple.

CACTUS VARIETIES.

Cactus Queen—Scarlet.
Countess of Lonsdale—Fine salmon pink.
General Buller—Velvety crimson.
Iceberg—White.
Kriemhilde—Pink shading to white in centre.

VARIOUS SORTS.

Dude—Pompon—White shaded mauve.
20th Century—Single pink.

PRICES:

Named varieties 20c each; $2.00 per dozen.
Mixed sorts, ordinary varieties, 10c each, $1 doz.

Postage to Canadian points, 20c dozen extra.

LILIES, BULBS, PLANTS, ETC. (Prices Postpaid)

	Each.	Per doz.
Lilium Auratum—(Golden Japan)	20c	$1 80
" Elegans—Mixed, many colors	15c	1 50
" Lancifolium—Album, white Japan	20c	1 80
" " —Rubrum, red Japan	20c	1 80
" " —Melpomene, white and red	20c	1 80
" Pardalinum—(Leopard)	15c	1 50
" Tigrinum—(Tiger)—Double	15c	1 50
" Umbellatum—Many colors	15c	1 50
" Wallacei—Bright Apricot	15c	1 50
" Tenuifolium—Coral red	15c	1 50

	Each.	Per doz.
Spider Lily	20c	$1 80
Tigridias—Mixed	10c	1 00
Fairy Lilies	10c	1 00
Chlidanthus Fragrans—Yellow	15c	1 20
Hyacinthus Candicans	10c	1 00
Ismene Giant—White, magnificant	20c	1 80
Madeira Vines	5c	50
Cinnamon Vine Roots	10c	1 00
Tuberous Rooted Wistaria	10c	1 00
Montbretia—Mixed	10c	1 00

GLOXINIAS AND TUBEROUS BEGONIAS.

Our stock of these beautiful and interesting plants is from a celebrated continental grower, and can be recommended with confidence. The Begonias make splendid plants for outdoors. Start in pots inside in March or April, and plant out in June. They require lots of water and to be planted in the shade. We offer dormant flowering bulbs of the following, prices postpaid:

	Each.	Per doz.
Gloxinias—Separate colors, White, Scarlet with white throat, Tigered and Spotted	20c	$2 00
Gloxinias—Mixed colors	15c	1 50
Begonias—Single separate colors, White, Pink, Crimson, Scarlet and Yellow	15c	1 50
Begonias—Single mixed colors	10c	1 00
Begonias—Double separate colors, White, Pink, Crimson, Scarlet and Yellow	20c	2 00
Begonias—Double mixed colors	15c	1 50

DOUBLE TUBEROSE.

The fragrance and beauty of the Tuberose has made it a favorite with all. It keeps in bloom for a lengthened period, and its pure white wax-like flowers are produced on long spikes. Plant in the open ground in May; the bulbs can be started much earlier in pots if desired. Place in a sunny spot in a rich soil and cover the top of the bulbs to the depth of an inch.

The Pearl—Large flowering roots, first size. Each 5c, per doz 40c, per 100 $2.50, postpaid to Canadian points.

Single, Orange—Scented—A fine early sort, with beautiful orange like flowers. 5c each, doz. 50c, $3.50 per 100, postpaid to Canadian points.

COLOCASIA (CALADIUM) ESCULENTUM (ELEPHANT'S EAR).

One of the most beautiful and striking of the ornamental foliage plants, either for cultivation in large pots or tubs, or for planting out on the lawn. Extra large, 20c each; $2.00 per doz. Large, 12c each, $1.20 per doz. Good, 10c each, 90c doz. Fancy leaved varieties, 20c each, $2 per doz. postpaid.

Plant Department

Add for postage 5c for all orders under five plants; over five plants at rate of 10c per ten. It will be noted some plants can only be sent by express.

BY EXPRESS—We recommend customers to order their Plants by express whenever it is possible. as the stock we send is larger and is shipped so as to protect the roots more carefully.

SAFE ARRIVAL GUARANTEED—We guarantee all plants to arrive in good condition. Any complaints must be made **within one week after the plants have been received.** We will then replace any which may not have arrived in good growing condition, but we cannot be held responsible for plants dying afterwards from neglect or any other cause. We do not pay Express or Freight charges.

ABUTILONS—Flowering Maples.

Always popular for pots, vases and baskets. Their flowers are perfect bell-shaped, and appear in masses all summer.

Boule de Neige—Fine pure white, free blooming. Each 20c.

Crimson King—New—Dark glowing crimson, fine habit. Each 25c.

Golden Bells—A perfect gem, strong grower, rich golden yellow. Each 20c.

Savitzi—The large, deep green foliage with a broad white margin, makes a fine contrast; of dwarf compact growth. Each 20c.

Mrs. J. Laing—Color, pure rose pink. Each 20c. One each of five varieties, 90c.

ALOYSIA CITRIODORA.

Lemon Verbena—The delightful fragrance of its leaves renders this indispensable in making bouquets. The plants will grow to a large size if wintered over in a cellar. Each 15c.

Asparagus Plumosus.

ASPARAGUS.

Sprengeri — Especially useful as a pot plant for suspended baskets; fronds are frequently 4 feet long, of a rich shade of green, excellent for house culture. Each 15c. Larger plants, each 25c and 40c.

Plumosus Nana — Climbing Lace Fern —A most graceful plant with bright green gracefully arched foliage; beautiful decorative plant. Each, 15c. Larger plants, each 25c and 40c.

BEGONIAS—Flowering Varieties.

New Ontario—New—One of the finest, flowers are large creamy white, with just sufficient pink to give them a bright cheerful glow, the foliage is a bronzy-green above and red below. Each 20c.

Argentea Guttata—Foliage large size, green, spotted with silver. Each 15c.

Haageana—Foliage of large size, flowers cream white, shaded pink. Each 15c.

Manicata Aurea—Large glossy leaves, beautifully blotched with creamy white. Flowers delicate blush white on long stems. Each 20c.

Metallica—Large glossy leaves, shaded with green, crimson and olive. Large pink flowers. Each 20c.

Semperflorens Gigantea Rosea — A vigorous grower, producing magnificent panicles of large carmine red flowers. Each 15c.

Thurstoni—A beautiful stately plant with remarkably handsome glossy foliage. Flowers rosy white, in large clusters, well above the foliage. Each 15c.

Vernon—Handsome free blooming plants with pink flowers. Each 15c.

Set of eight for $1.00.

BEGONIA REX.

These are grown for their gorgeous variegated foliage. Our assortment is unequalled. Each 15c, 4 for 50c.

CARNATIONS—Monthly or Ever Blooming.

Any six for 75c.

Enchantress—A pleasing shade of light pink. Each 15c.

Harlowarden—Large flowering crimson. Ea. 15c.

Rose-Pink Enchantress—New—Beautiful deep rose color. Each 20c.

Mrs. Thomas W. Lawson—Dark cerise pink, fine. Each 15c.

Beacon—New—Bright scarlet, splendid. Ea. 20c.

Queen Louise—Pure white, strong grower, productive. Each 15c.

New White Perfection—The largest white yet introduced. Each 20c.

Winsor—New—Clear silvery pink. Each 20c.

CHRYSANTHEMUMS.

Dr. Enguehard—Rose pink. Each 15c.

Golden Glow—New—Early, incurved, bright yellow, large. Each 20c.

Golden Wedding—Shines like burnished gold. Each 15c.

Golden Dome — New — Magnificent incurved flower, sulphur yellow; late. Each 20c.

Intensity—Dark crimson. Each 15c.

Ivory—Snow white, perfect form. Each 15c.

Jennie Nonin—Large white; late. Each 15c.

Major Bonaffon—Soft clear yellow. Each 15c.

Minnie Bailey — Bright pink, of exceptional beauty. Each 15c.

Pacific Supreme—New—Beautiful shade of pink. Each 20c.

Pink Ivory—Early shell pink. Each 15c.

Robert Halliday—Early yellow. Each 15c.

Strathcona—Late flowering white. Each 15c.

Timothy Eaton—Large ivory white. Each 20c.

OSTRICH PLUME CHRYSANTHEMUMS.

White, pink and yellow. Each 20c, 3 for 50c.

POMPON CHRYSANTHEMUMS.

Pompon Chrysanthemums are coming into demand, they make beautiful pot plants, with their charming small flowers produced in clusters.

Diana—Very fine white.

Gotcher's Crimson—Beautiful rich color.

Klondike—Golden yellow.

Orea—Bright pink.

Each 15c, 4 for 50c.

Begonia Rex.

BOURGAINVILLEA.

Sanderiana—Almost a continuous bloomer. Produces freely its dazzling rosy crimson flowers. Each 35c.

CACTUS.

Sanseveria Zeylanica — It stands dust and draught with impunity, and should be given scarcely any water. The leaves grow to a length of 3 to 4 feet, and are beautifully striped crosswise, with broad white variegations on a dark green ground. 20c each.

CANNAS.

Dormant Roots—Each 10c, dozen $1.00.

Strong plants, for shipment in May—Each 20c, dozen $2.00. By express only.

Alphonse Bouvier—5 feet. Crimson flowers.

Austria—6 ft. Yellow, slightly spotted crimson.

Black Beauty—5 ft. Foliage deep crimson bronze.

Beaute Poitevine—4 ft. Brightest scarlet.

Express—3 ft. Bright scarlet crimson.

Egandale—4 ft. Cherry red, bronze foliage.

Florence Vaughan—4 ft. Orange yellow, spotted red.

Italia—5 ft. Yellow and red, effective.

King Humbert—New—4 ft. Giant orange scarlet flower, bronze leaf. Splendid variety. Each 20c, 12 for $2.00. Plants, 30c each, 12 for $3.00, by express.

Mlle. Berat—3½ ft. Exquisite shade of pink.

Mrs. Kate Gray—5 ft. Orchid flowered, scarlet and yellow.

Niagara—3½ ft. Rich deep scarlet, edged yellow.

Progression—4 ft. Yellow, spotted red.

Robusta—6 ft. Gigantic dark leaved foliage.

King Humbert Canna.

FUCHSIAS.

15c each, 3 for 40c.

Autumn Leaves—A new drooping or weeping sort. The long streamers of green, red, bronze and gold foliage terminating with beautiful rosy scarlet flowers blending in perfect harmony is magnificent.

Gloire des Marches—(Double)—A vigorous, upright grower; blush white petals, bright coral colored sepals.

Phenomenal—(Double)—The largest known. The tube and sepals are bright coral red; the coralla is of a very rich violet shade.

Sunray—Variegated foliage, flowers purple and red.

Storm King — (Double) — It is of vigorous growth, elegant habit, and produces its pure white flowers in great profusion.

Trophee—Double, purple, superb variety.

Coleus Brilliancy.

NEW COLEUS.

Brilliancy—Large leaves of bright carmine, shading off to a deep maroon. Each 15c, doz. $1.50.

COLEUS.

Splendid assortment of these beautiful foliage plants for bedding, in different colors. 10c each, $1.00 dozen, $6.00 per 100.

GENISTA.

(Shower of Gold.) Flowers are pure yellow and literally cover the plants. Sweetly delicate perfume. Each 20c.

HELIOTROPE.

It is universally esteemed and admired for the delicious perfume of its flowers; violet, light blue and white. Each 15c, 3 for 40c.

HYDRANGEA.

Otaksa Monstrosa — Handsome rosy carmine flowers; it has the rare quality of blooming when very small. Each 20c.

LANTANA, OR SHRUBBY VERBENA.

The brilliant colors, robust growth and profuse blooming habit of the Lantana render it one of the finest bedding plants that grow; assorted colors. Each 15c.

OTAHIETE ORANGE.

This beautifulplant bears white flowers and yellow oranges. Strong plants, 25c; large, 50c, by express.

Carnations. See page 76.

NEW GERANIUMS.

Each, 20c; dozen, $2.00.

Jean Oberlee—Double; a beautiful variety. Large trusses of a peach-pink color.

Ornella—Double; a splendid new intense scarlet Geranium.

Mrs. Lawrence—Double; a charming satiny salmon-pink.

Paul Campbell—Single; intense crimson, large trusses.

GERANIUMS.

Best Double Sorts.

Beaute Poitevine—Salmon pink.
Madame Barney—Large, the purest deep pink.
Peter Henderson—Fine bedder, light vermillion.
C. Morel—The truss is enormous glowing scarlet.
Fleuve Blanc—Large double white.
H. Buchner—One of the best whites for bedding.
Jean Viaud—Silvery pink, very large flower.
John Doyle—Soft scarlet, trusses good size.
Marquis Castellane—Bright red, fine bedder.
S. A. Nutt—Rich and dark crimson.

Best Single Sorts.

Dryden—A grand bedder, bright, rosy red, with large white blotches.

General Leonard Wood—Crimson rose, with white blotch.

Gertrude Pearson—Pure rose pink, with white blotch.

Mrs. E. G. Hill—Salmon pink, large truss.

John P. Cleary—One of the best brilliant scarlets. Enormous trusses.

Each 15c; doz. $1.50; large, by express, $2.00 doz.

IVY LEAVED GERANIUMS.

Splendid variety, different colors. Each 15c, dozen $1.50.

SWEET-SCENTED GERANIUMS.

Our collection contains Rose, Balm, Lemon and other sweet scented varieties. Each 15c, doz. $1.50.

PELARGONIUMS.

(Lady Washington Geraniums.) They are well adapted for pot and greenhouse plants, but unsuitable for bedding purposes; the flowers are very large and showy, the petals of which are usually blotched and striped. Each 20c, doz. $2.00.

SILVER LEAVED GERANIUMS.

Mrs. Parker, double pink flowers; **Wm. Langguth**, double bright red flowers; **Silver Leaved S. A. Nutt**, double crimson flowers; **Mme. Salleroi**, silver foliage only. Each 20c, doz. $2.00.

Gen. L. Wood Geranium.

IVY.

Each 15c, 3 for 40c.

English—Excellent for cultivation in the house, brilliant green leaves.

German or Parlor Ivy—Rapid growing, adapted for covering trellis work, etc.

Irish Ivy—The hardiest of all ivies; narrow elongated leaves.

NEW DOUBLE BLUE LOBELIA.

Kathleen Mallard—Large double flowers of an intense rich deep blue color. Most desirable plant. Each 20c.

MOONFLOWER.

A very rapid growing vine. At night and during dull days the plants are covered with fragrant flowers. Each 20c.

PRIMULA.

Obconica, or Japanese—It is in full bloom fully nine months in the year, and some plants have kept up a succession of bloom during the entire year. Each 15c.

Chinese—Charming profuse blooming plants, indispensable for winter and spring decoration in the house. Each 15c.

PONDEROSA LEMON.

Handsome plant, bearing fruit. Each 25c by mail; large, 50c, by express.

MISCELLANEOUS PLANTS

Ageratum—10c each, $1.00 doz.
Coleus—Foliage plants. 10c each, $1.00 doz., $6.00 per 100.
Cuphea—(Cigar Plant)—Each 10c, $1.00 doz.
Cherry, Jerusalem—Easily grown plants, with ornamental fruit. Each 15c.
Cyclamen—Giant flowering sorts, beautiful flowers. Each 20c.
Cyperus Alternifolius — (Umbrella Plant) — Each 20c.
Dracæna—(Cordyline Indivisa)—Long narrow leaves. Each 20c.
Hibiscus—(Peach Blow)—Double pink flowers; fine decorative plant. Each 20c.
Mesembryanthemum — Excellent for hanging baskets; rich pink flowers. Each 15c.
Oleanders—Each 25c.
Petunias—Double fringed. Crimson, white, pink and variegated. Each 15c, dozen $1.50.
Salvia—(Fireball)—Each 15c, doz. $1.50.
Tropæolum (Nasturtium)—Double scarlet and double yellow. Each 10c, doz. $1.00.
Tradescantia—Wandering Jew—Each 10c.
Vincas—Trailing plants. Each 10c, dozen $1.00.

Assorted Plants, for Hanging Baskets, Vases and Window Boxes. Dozen $1.00.

Kentias—Belmoreana and Fosteriana — These are the most popular parlor palms. Hardiest in cultivation and give better satisfaction as a house plant than any other variety. They are of slow growth and are not affected by the dust and dry atmosphere of the house. Both are of similar appearance, Belmoreana being dwarfer and more spreading. Each 50c, $1.00 and $1.50 by mail; $2.00, $2.50 and $3.00 by express.

NORFOLK ISLAND PINE.

(Araucaria Excelsa) This beautiful house plant resembles the pine somewhat in appearance, though much finer in texture. Each 75c by mail; $1.00 and $1.50 by express.

PANDANUS VEITCHII.

Leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved. Each 50c by mail, large plants $1 each by express.

NEW FERNS

Whitmani—(The Improved Ostrich Plume Fern)—The most valuable of this type. Not only is the pinnae on the fronds more finely divided, but the fronds are denser, broader, and more graceful. Each, 15c and 25c. Large plants by express, 75c and $1.50 each.

Amerpholi—This is one of the latest additions to the Ostrich Plume type, and is a popular variety. The pinnae is so finely divided that it reminds one of a piece of fine lace; the fronds are broad and deep. Each 20c, and 35c.

Todeaoides (Todea, or Filmy Fern)—This is an English introduction that is coming rapidly into popular favor. It is of a strong, compact growth, with bold, heavy foliage, the pinnae of which is finely divided. Each 20c and 35c.

Superbissima—This is a unique and distinct variety, its distinguishing characteristics are its dark green foliage and dense growth, entirely different from the yellowish green of other ferns. Dwarf, compact, and sturdy habit. Each 35c; larger plants, 75c.

Magnifica—As its name implies, this new addition to the Ostrich Plume type is a magnificent one. Strong growth with finely divided pinnae. Each 35c.

Scholzeli—The Plumed Scotti Fern—It is a sport from Scotti, possessing all the merits of that most popular variety, but with the pinnae subdivided, giving it an airy feathery appearance. Each 35c.

FERNS FOR HOUSE CULTURE.

The "Scottii" Fern—(Dwarf Boston Fern)—Of much dwarfer and bushier growth than the Boston Fern. It is one of the most ideal decorative plants for the house. Price, 15c and 25c by mail. Large plants 50c and $1.00 each by express.

Boston Fern.

The Boston Fern—This is a wonderfully healthy, rapid growing and graceful house plant. In great demand. Each 15c and 25c by mail. Large plants 50c and $1.00 by express.

Elegantissima—Feathery plume-like fronds, producing an exquisite and beautiful effect. Each 15c and 25c by mail. Large plants 50c, 75c and $1.00 by express.

Assorted Ferns—Maiden Hair, Pteris, Holly Fern, and many other popular varieties, suitable for fern dishes. Each 15c, 4 for 50c.

Weigelia. See page 82.

We recommend the following necessaries to all plant lovers:

Fertilizers—Bonora, Guano and Sterlingworth Plant Tablets. Page 85.

Insecticides—Fir Tree Oil, Nikoteen and Sulpho Tobacco Soap. Page 86.

Electric Insect Exterminator, for applying powder. Page 86.

Faultless Hand Sprayers, Auto Spray and Myers' Bucket Pumps, for applying liquids. Pages 94 and 96

Scollay's Plant Sprinklers. Page 103.

Regal Garden Gloves, page 96.

Hand Weeders, page 105.

HARDY FRAGRANT HYBRID PERPETUAL ROSES

Extra Strong Two-year-old Field Grown Bushes

Anne de Diesbach—Bright carmine pink.
Baron de Rothschild—Light rose, large flowers, superb.
Baron de Bonstetten—Very large dark red.
Clio—Large, very fine pink.
Frau Karl Druschki—Beautiful white rose, perfect form.
Fisher Holmes—Large flowers, of rich glowing crimson.
General Jacqueminot—Velvet crimson, fragrant.
Hugh Dickson—New—Brilliant crimson, shaded scarlet; large and of fine form. Each 40c.
John Hopper—Brilliant rose, carmine centre.
Jubilee—Dark crimson, almost black.
Magna Charta—Bright deep pink, large and fragrant.
Marshall P. Wilder—Bright scarlet crimson.
Margaret Dickson—Very hardy, beautiful white.
Mrs. John Laing—Shell pink, fragrant and large.
Madame Plantier—Pure white, beautiful cemetery rose.
Paul Neyron—Bright pink, immense flower.
Persian Yellow—Hardy, deep golden yellow.
Soleil d'Or—Hardy yellow, splendid variety.
Ulrich Brunner—Bright cerise red.

Price, except where noted, each 30c, 4 for $1, $2.75 doz by mail postpaid, $2.40 doz by express.

Hybrid Perpetual Rose—Jubilee.

NEW EVER-BLOOMING HYBRID TEA ROSES

Strong two-year-old field grown plants.

Countess of Gosford—Clear salmon pink, base of petals suffused saffron yellow; large. Each 50c.

Killarney—Exquisite shade of deep shell pink, lightened with silvery pink; very long buds. Each 40c.

Madame Ravary—A beautiful orange-yellow color, large and globular. Each 50c.

Richmond—This is a most beautiful rose of brilliant crimson-scarlet. Cannot fail to give satisfaction. Each 50c.

TENDER CLIMBING OR PILLAR ROSES

Strong two-year-old plants.

Gloire de Dijon—The flowers of this variety are of a beautiful blush and yellow color, fragrant, continuous bloomer. Each 35c.

Marechal Niel—This superb climbing rose is, for beauty, fragrance and size, without a rival; bright golden yellow. Each 40c.

EVER-BLOOMING ROSES

Each 20c, dozen $2.00.

They may be planted in the garden during summer, and are splendid varieties for the house in the winter, where they will grow and bloom profusely.

Bridesmaid—Flowers large and delightfully scented, clear rose pink.

Clothilde Soupert — Wonderful bloomer, ivory white, shading to rosy blush in the centre.

Canadian Queen—A beautiful rose, colors vary from blush pink to cerise.

Etoile de Lyon—Deep golden yellow; full, deep and rich flowers.

Killarney—The color is an exquisite shade of deep shell-pink lightened with silvery pink. Long, beautifully formed buds; a superb rose.

Kaiserin Augusta Victoria—Soft pearly white, one of the best white varieties grown.

Marie Lambert—(Snowflake)—Pure white; a fine bloomer.

EVER-BLOOMING HYBRID TEA ROSES

This collection will keep one in Roses all summer, all perfectly hardy, with light protection during winter.

American Beauty—The largest, sweetest, and best of roses. Rich crimson color.

Augustine Guinnoiseau—Delicate blush color, very fragrant.

Gruss au Teplitz—Deep scarlet, shading to glowing crimson, large and fragrant.

J. B. Clark—This is one of the deepest colored varieties yet introduced, being a deep scarlet, heavily shaded with blackish-crimson; strong grower, producing large flowers.

Kaiserin Augusta Victoria—Soft pearly white, beautifully formed fragrant flowers on long graceful stems.

La France—Delicate silvery rose, fragrant; very popular.

Mad. Caroline Testout—Brilliant satiny rose; very sweet, one of the best roses offered.

Strong 2-year-old plants, each 35c, 4 for $1.20, 12 for $3.35 postpaid. By express, $3.00 dozen.

MOSS ROSES

Salet, pink; **Blanche Moreau**, white; **Wm. Lobb**, red. Each 30c, 3 for 75c.

ENGLISH SWEET BRIAR ROSES

Valued on account of the delightful fragrance of their leaves. Produce pretty single pink flowers. Each 30c, 4 for $1.00.

STANDARD OR TREE ROSES

These roses are on hardy stalks, 3 to 4 ft. high. Hybrid Perpetual, in assorted colors, also the Crimson Rambler. $1.00 each, by express.

Dormant Roses can be planted as soon as the frost is out of the ground.

Baby Rambler Rose in Pot.

NEW DWARF ROSES OR BABY RAMBLERS

Strong 2-year-old field grown plants.

Crimson Baby Rambler—Produces trusses of bright crimson flowers very profusely. Splendid bedding variety. Strong 2-year plants, each 35c.

Pink Baby Rambler—(Anny Muller)—Forms large clusters of flowers of a beautiful bright pink color. Each 35c.

White Baby Rambler—(Katherine Zeimet)—Pure white flowers, produced in large trusses. Each 40c.

Pink Baby Rambler—(Baby Dorothy)—Beautiful shell pink flowers, borne in large clusters. Each 50c.

HARDY RAMBLER ROSES

Strong 2-year-old field grown plants.

Crimson Rambler — Entirely hardy. Flowers bright crimson, borne in trusses of 30 or 40 flowers each. Every garden should contain this magnificent rose. Each 30c, 4 for $1.00.

White Rambler—In habit of growth is identical with Crimson Rambler. Flowers snow white and sweetly scented. Each 35c.

Yellow Rambler—Flowers light yellow, borne in large clusters and very sweetly scented. Each 35c.

Dorothy Perkins—Very hardy, flowers beautiful shell pink, borne in large clusters. Each 35c.

Baltimore Belle — Pale blush, variegated carmine, rose and white, very double flowers in clusters. Each 35c.

Prairie Queen—Flowers very large, bright rosy red. Each 30c.

Philadelphia Crimson Rambler—This variety is identical in many ways with the Crimson Rambler, except the color is brighter, deeper, and more intense. Flowers very double. Each 40c.

Lady Gay—New—Flowers of a delicate cerise pink, passing to soft tinted white. Vigorous grower. Each 50c.

Tausendoschon—New—Very large flowers of a delightful shade of soft pink when first opening, changing to carmine on reverse of petals when fully expanded. Produced in large trusses; glossy green foliage. Each 50c.

VARIOUS ROSES

Rosa Rugosa—New Japan Rose Apple—Large open single flowers, followed by elegant crimson and golden fruit. Red or white.

Cemetery or Memorial Rose — Wichuriana — Trailing growth, bears single white flowers in great profusion. Evergreen foliage.

Universal Favorite—Also a good variety for use in cemeteries. Flowers beautiful single rose color. Strong 2-year plants. Each 30c, 4 for $1.00.

HARDY CLIMBING VINES

Actinidia Polygama—Silver Sweet Vine—Strong grower, glossy green foliage; flowers creamy white and fragrant. Each 30c.

Akebia Quinata — A Japanese twining plant, dark green foliage, brown flowers, deliciously perfumed. Each 25c.

Boston Ivy — (Ampelopsis Veitchii) — Grows rapidly, clings firmly to any wall, tree, etc. Leaves olive green, changing to scarlet in autumn. Each 20c, 3 for 50c. Strong 2-year plants, each 30c, 4 for $1.00; 3-year-old, 40c.

Ampelopsis Quinquefolia — Virginia Creeper—Rapid growing vine, with large dark green foliage. Strong 2-year plants, each 30c, 4 for $1.00; 3-year-old, each 40c.

Ampelopsis Hirsuti—Foliage is large, somewhat similar to the Virginia Creeper, very hardy, clings to stone or brick, quick growing. Extra strong plants, each 40c, 3 for $1.00.

Chinese Wistarias—Large, drooping clusters of lovely pea shaped flowers, grows quickly. Blue and white. Each 40c.

Dutchman's Pipe—Aristolochia Sipho—A vigorous growing twiner, brownish colored flowers, resembling a Dutchman's pipe. Leaves light green and very large. Each 30c postpaid; large, each 50c.

Bignonia Radicans—Trumpet Vine—Useful for covering unsightly places; flowers are dark red, orange throats, large and trumpet shaped. Each 30c

Honeysuckle—Aurea Reticulata—Japanese golden leaved, beautiful, each 30c. Scarlet Trumpet—Produces scarlet flowers all summer, each 35c. Hall's Japan—Vigorous growth, white flowers changing to yellow, each 30c. Belgian—Sweet Scented Monthly—Fine red and yellow flowers, each 30c.

Japanese Kudzu Vine—A vine of most remarkably quick growth, leaves are large and of a bright green color, forming a dense shade. Flowers are purple and fragrant. Each 30c.

Clematis—Large flowered varieties. Very popular hardy climbers, remarkable for their beauty. Each 50c. Sieboldi—Lavender, very fine. Henryii—Beautiful creamy white. Jackmanii—Rich velvety violet purple. Madame E. Andre—Novel variety, carmine red. Madame Baron Viellard—Light rose, lilac shadings; handsome. Duchess of Edinburgh—Double white. Ville de Lyon—A splendid bright red variety.

Clematis Paniculata—Glossy green foliage, flowers are white, star-shaped, and borne in large clusters, fragrant. Each 30c, 4 for $1.00.

Ampelopsis Veitchii.

HARDY SHRUBS

These can be mailed—but when ordered by express we send extra large plants. We advise our customers to have shrubs forwarded by express whenever possible

Althea—Rose of Sharon—Unsurpassed for freedon of bloom or range of color, large handsome camelia-like flowers. Double dark rose, double white, double violet and double red. Each 30c, 4 for $1.00.

Arbor Vitae—A popular hedge plant, evergreen. Each 15c, dozen $1.50 by express.

Barberry—Suitable either as single specimens or hedge plants, of neat compact growth; Purpurea, foliage and fruit violet purple; Thunbergi or Japanese, beautiful glossy green foliage and crimson berries; Vulgaris, green foliage and crimson berries. Each 20c; dozen by express, $2.00. Large size each 30c; dozen by express, $3.00.

Cercis—Beautiful flowering shrubs. Candidensis, or red Bud, pink blossoms; each 30c.

Chionanthus Virginica—White Fringe—Tall, forms large bush of great beauty, delicate snow-white flowers. Ea. 30c.

Cercidiphyllum Japonicum—Grand cemetery tree. Hardy and of rapid growth. Leaves are heart shaped, dark green above and silver green beneath; very attractive. Each 40c.

Chorchorus—Kerria—A pretty dwarf variety, silver variegated leaves. One of the most valuable shrubs. Each 35c.

Clethra Alnifolia—Sweet Pepper Bush—Dark green foliage and upright spikes of fragrant white flowers. Each 30c.

Cornus (Dogwood)—Alternifolia or Blue, extremely pretty white flowers; Siberica Variegata, or Red Siberian, a rare variety, clusters of white flowers. Each 30c postpaid.

Corylus—Purple Leaved Hazel. Conspicuous deep maroon leaves, grows 8 feet high. Each 35c.

Currant, Flowering-Ribes—Useful and pretty shrubs, crimson and white flowering. Each 30c.

Cydonia Japonica—Scarlet Japan Quince—Bright effective scarlet flowers, suitable for ornamental hedging. Each 25c, doz. $2.50, by express.

Deutzia—Showy, very ornamental. Gracilis dwarf white; Gracilis Rosea, dwarf pink; Pride of Rochester, double white, tinted rose; Lemoinei, large white flowers. Each 30c, 4 for $1.00.

Elders — Sambucus — Golden Leaved. Bright leaves of a clear, constant golden yellow. Each 30c

Exochordia Grandiflora—Pearl Bush—Almost covered with racemes of white flowers. Each 30c.

Forsythea—Golden Bell—Fortunei, handsome trumpet shaped yellow flowers; Suspensa, drooping habit, yellow flowers. Each 40c by express.

Halesia Tetraptera—Silver Bell. A beautiful shrub, with pretty white bell shaped flowers. Each, large, 40c by express.

Hydrangea—Paniculata Grandiflora—Most popular, large panicles of pure white flowers, turning to pink. Young plants, each 20c; strong, each 30c. Tree or Standard, on hardy stalk, about 3 feet high, each 75c by express.

SPIREA VAN HOUTTEI

Deutzia Lemoinei.

HARDY LILACS.

Souvenir de L. Spath, blackish red; Charles Tenth, reddish purple; Rothamagensis, dark purple, fragrant; President Grevy, beautiful blue, very fine; Persian White; Rubra de Marley, splendid purple. Each 40c. Large plants, by express, 75c each.

Common White and Common Purple, each 30c, $2.50 dozen by express.

Norway Spruce—Abies Excelsa—One of the best evergreens for hedges and windbreaks. Each 15c, dozen by express, $1.50.

Magnolia—We offer the varieties best adapted to our climate, and that have proved hardy in Hamilton. Large plants, each $2.00, by express.

Syringa, or Mock Orange—(Philadelphus)—Luxuriant foliage, pure white fragrant flowers. Double and single white. Each 30c; large, 50c, by express.

Privet—The ideal hedge plant. Quick growing dark green shiny leaves, very hardy. Doz. $1.25 postpaid; per 100, $6.00, by express.

Prunus Triloba—Double Flowering Plum—Delicate pink flowers. **Pissardi**—Purple Leaved Plum—Beautiful leaves, flowers small white. Each 40c; large, 75c, by express.

Paulownia Imperialis—Empress Tree — Rapid growing tree, immense leaves and pretty flowers. Each 40c, by express.

Spirea—Excellent shrubs of easy culture; Anthony Waterer, light crimson; Callosa Alba, dwarf, white flowers; Prunifolia (Bridal Wreath), double white; Van Houttei, splendid, early, large clusters of white flowers. Each 25c; large, each 40c, by express.

Viburnum, or Snowball—Opulus, Common Snowball, very showy, each 30c. Plicatum, Japanese Snowball, foliage dark green, white flowers, the best variety of Snowball, each 50c.

Weigela—Vigorous growth and adapted to any good soil. White, pink, red and variegated. Each 30c.

SPECIAL OFFER.

We offer 5 of the best Hardy Shrubs, each one different, our selection, for $1.00, by express or freight.

Double Hollyhocks.

Heuchera.

Campanula.

HARDY PERENNIAL PLANTS

The most desirable varieties for Canadian Gardens.

Perfectly hardy anywhere, and thrive and bloom year after year with little care after once well planted

Where price is 15c each, 3 plants are supplied for 40c, dozen $1.50.
Where price is 20c each, 3 plants are supplied for 50c, dozen $2.00.

Achillea—Splendid for summer cut bloom. All summer; 2 ft. The Pearl, double white. Each 15c.

Alyssum Saxatile—Showy yellow flowers. May and June; 1 foot. Each 15c.

Arabis Alpina—Evergreen foliage, white. May. 6 inches. Each 15c.

Anemone—August to November; 2 ft. Prince Henry—Semi-double, dark red. Whirlwind—Double white. Queen Charlotte—Double pink. Each 20c. **Lady Ardilaun** — New—Splendid white. Each 20c.

Aquilegia — (Columbine) — Excellent border plants; 2 feet. May and June. Coerulea, violet and white; Canadensis, scarlet and yellow; Chrysantha, yellow; Stuarti, blue with white centre. Each 20c.

Asters, Hardy — Michaelmas Daisies) — Midsummer till frost. Novæ-Angliæ, rosy-purple, violet-purple; Novi-Belgii—Robert Parker, pale lavender; Snowflake, white, yellow centre; 4 feet. Each 15c.

Armeria Maritima—(Sea Pink)—June; 12 inch. Rose color. Each 15c.

Boltonia—Very showy, large single Aster-like flowers. Latisquama, pink; Asteroides, white. 5 feet. July-October. Each 20.

Coreopsis Lanceolata—Beautiful border plant. Golden yellow; 2 feet. June-October. Each 20c.

Chrysanthemum Uliginosum—Large white flowers, yellow centre, good for cut flowers; 4 feet. August-September. Each 15c.

Campanula—(Bell Flowers)—Persicifolia, 2 ft., white, blue; Carpatica, 1 ft, white, blue; Pyramidalis, 1 ft., white, blue. July-September. Each 20c.

Dicentra, or Bleeding Heart—Paeony-like foliage, pink heart-shaped flowers; 2½ feet. May-July. Each 20c.

Dianthus—Hardy Garden Pinks—Her Majesty, white; Mrs. Sinhins, white clove; Homer, red clove; 1 ft. June-July. Each 20c.

Daisy—Exquisite little perennials. Double white and double red. Each 15c.

Delphinium—(Larkspur)—Very attractive, double and single blue hybrids; 3 ft. June-September. Each 20c.

Digitalis—(Foxglove)—An old-fashioned perennial of easy culture; 2 ft. July-August. Each 20c.

Eulalia—Very graceful, tall, ornamental grass, 5 to 6 feet high. Japonica Variegated, Japonica Zebrina. Each 20c.

Funkias, or Day Lilies—Handsome foliage and flowering plants. Grandiflora, large white flowers, 18 in. August-September. Each 20c. Coerulea, blue, each 15c.

Gaillardia Grandiflora—Very showy large flowers, assorted colors; 2 ft. June-Oct. Each 20c.

Gypsophila Paniculata—Minute white flowers, splendid for cutting; 2½ ft. July-Aug. Each 15c.

Helianthus — (Perennial Sunflower) — 5 feet. August-September. Sparsifolia, large graceful single flowers of a deep yellow, each 15c. Lætiflorus, fine single yellow flowers, brown centre; each 15c. Multiflorus, double dark golden yellow. Each 20c.

Hollyhocks—6 to 8 ft. July-September. Great favorites. Flowers large and double. White, rose, yellow, crimson and cream; field grown roots. Each 25c; dozen, by express, $2.50.

Heliopsis Pitcherianus—The flowers are long stemmed, large, and of a deep yellow; 7 ft. July-October. Each 15c.

Helenium—(Sneezewort) — September-October. Autumnale Striatum, 5 ft., reddish brown and yellow; A. Superbum, 7 ft., yellow. Each 15c.

Hemerocallis—(Day Lily)—Fragrant lily shaped flowers. June-July. Dumortieri, 2 ft., orange yellow; Flava, 3½ ft., lemon yellow; Fulva, 4½ ft., bronzy orange. Each 15c.

Hibiscus—Crimson Eye—August-October. Very large beautiful flowers, white, crimson at centre. Each 20c.

Iris — (Japanese) — Enormous flowers, mixed colors; 2 ft. July. Each 20c, dozen $2.00.

Iris—(German)—2 ft. May-June. Beautiful flowers, large range of separate colors. Each 10c, dozen $1.00.

Lysimachia Clethroides—(Loose Strife)—Pure white flowers; 2 ft. July-September. Each 15c.

Lychnis Chalcedonica — (Jerusalem Cross)—Single intense scarlet flowers, very showy; 4 ft. June-August. Each 15c.

Monarda Didyma—(Oswego Tea)—Cardinal red, large showy flowers; 3 ft. July-Sept. Each 15c.

Myosotis—(Forget-Me-Not)—Pretty blue flowers; 1 ft. May-August. Each 15c.

Oenothera—(Evening Primrose)—Fine border plants; 1 ft. June-October. Large primrose yellow. Each 20c.

Platycodon—(Chinese Bell Flower)—White and blue; 2 feet. July-August. Each 20c.

PERENNIALS—Continued

Paeonies, Double—Exceedingly effective, the diversity of color, profusion and duration of bloom, handsome massive foliage and easy culture render them most popular. May-June. 2 feet.

New and Rare Paeonies.

Each 65c, dozen $7.25.

Duchess de Nemours—Sulphur white, shading to pure white.
Festiva Maxima—The best large white.
Golden Harvest—Very striking variety, blush white, deepening to canary yellow, fragrant.

Standard Varieties.

Each 35c, dozen $3.75.

Abantis—Semi-double purple.
Acacus—Bright rosy lilac.
Acasta—Red.
Cabrera—Purple crimson.
Clarissa—Rose pink.
Duchess of Orleans—Pale rosy lake.
Francois Ortegat—Dark purplish crimson.
Queen Victoria—Large white, creamy centre.
Officinalis Rosea—Effective rose pink flowers.
Officinalis Rubra—Early crimson.
Officinalis Alba—Early white.

Double Paeonies in Color.

Each 25c, dozen $2.50.

Double red, light pink, dark pink, purple, white, bicolor.

Single Paeonies.

Produce beautiful flowers, separate colors. Each 35c, dozen $3.50.

Postage 5c each on Paeonies.

Phystogeia—(False Dragon's Head)—Very effective, pink and white. Aug.-Sept, 3 ft. Each 15c.
Pyrethrum—Large variety of colors, like a large single Chrysanthemum. June; 2 ft. Each 15c.
Poppy—Iceland—Large flowering, handsome.
Oriental—Beautiful large flowers, separate colors. Each 20c.

Phlox, Hardy—One of the finest out-door plants. July to September; 3 ft. Strong 2 year old plants.

New varieties. Each 25c, dozen $2.50.

Honay Pfleiderer—Cream color, changing to salmon in the centre, with carmine red.
Mad. Paul Datrie—Soft pink color.
Rheingan—White, fine form, buds as well as stem are violet colored.

Standard varieties. Each 20c, dozen $2.00.

Belvedere—Carmine rose.
Beranger—Light rose, changing to white.
Brilliant—Clear blood red.
Couquelicot—Orange scarlet.
Distinction—Blush white, centre light violet.
Flora Horning—White, large carmine eye.
Mrs. John Harkness—Rosy salmon, light violet in centre.
Wm. Ramsay—Dark purple.
Phlox—Mixed varieties, 15c each, $1.50 dozen.

Phlox, Subulata—(Moss Pink)—Spreading stems, suitable for borders; May-June, 8 inches; white and rose. 15c each.

Rudbeckia—Double Golden Glow—Splendid plant, good for cut flowers. July to Sept.; 6 ft. Each 15c.

Spirea, or Meadow Sweet—Ulmaria, clouds of feathery white blossoms. Palmata, a beautiful variety, crimson flowers. June to Aug.; 3 feet. Each 20c.

Statice Latifolia—(Sea Lavender)—Blue flowers. July-September; 3 ft. Each 20c.

Yucca—Adam's Needle—An effective plant, creamy white flowers. July to August; 3 feet. Each 20c.

Shasta Daisy—Hardy and easily cultivated. Large white flowers; June- Oct.; 1½ ft. Each 15c.

Sweet William—A favorite in every garden. May-June; 1 foot. Each 15c.

Violets—Hardy English, blue. Each 30c.

SMALL FRUITS

Choice Collection.

CURRANTS.

	Ea.	Doz.	100
Fay's Prolific, red	15c	$1 50	$8 00
Raby Castle, red	15c	1 50	7 00
Black Champion	15c	1 50	8 00
Black Naples	15c	1 50	7 50
Large Red Cherry	15c	1 50	8 00

Boskoop Giant—Bears abundantly extra large berries. Special variety for jam. Each 20c, doz. $2.00.

RASPBERRIES.

	Ea.	Doz.	100
Superlative, large crimson, heavy yielder	15c	$1 50	$6 00
Cuthbert, large, rich crimson	10c	1 80	3 00
Columbian, large, red, productive	10c	1 00	4 00
Golden Queen, yellow, large	15c	1 25	4 25
Erie, splendid black variety	10c	1 00	4 00
Gregg, Black Cap, one of the best	10c	1 00	4 00
Cumberland, grand blackcap	15c	1 50	5 00

GRAPES.

	Ea.	Per 3	Doz.
Moore's Early, deep purple	20c	50c	$1 50
Moyer, dark red	20c	50c	1 50
Niagara, splendid white	20c	50c	1 50

GOOSEBERRIES.

	Ea.	Doz.
Whitesmith, large, yellowish white	25c	$2 00
Downing, large green, prolific	15c	1 25
Industry, large and productive, red	25c	2 00
Houghton, fine green variety	20c	1 50

STRAWBERRIES.

Cardinal, large, bright color, very early.
Clyde, early, enormous size, bright scarlet, productive.
Bederwood, early, sweet, large, crimson color.
Williams, medium, very large and firm, deep crimson.
Brandywine, late, fine, immense size.
Price, 30c doz., $1.50 per 100 postpaid.
Price, $1.00 per 100; $6.00 per 1000 by express.

RHUBARB ROOTS—See page 26.

ASPARAGUS ROOTS—See page 8.

SAGE ROOTS—Each 10c, 3 for 25c.

READ THIS Plants that are sent by mail have but little soil left on them, and they should receive very careful treatment, especially the first few days after their arrival. If they look wilted put them in lukewarm water for fifteen or twenty minutes; this will greatly revive them. Should any plants become injured on the way, we must be advised promptly, and will replace them without delay. But after they arrive in good condition our responsibility ceases, and if for want of attention or other causes, they fail, and complaint is then made, we cannot replace them.

FERTILIZERS

Buffalo Pure Ground Bones for fertilizing purposes. Our ground bones are a very superior and carefully prepared fertilizer. A machine that will sow plaster will also sow the above. In Turnip culture they are particularly recommended. Apply at the rate of ten bushels (600 lbs.) per acre, and drill in with the seed. Highly recommended for lawns, etc. 6 lbs. 25c, 25 lbs. 80c, $2.60 per 100 lbs., $4.00 bag of 167 lbs., $45.00 ton.

Gypsum or Pure Land Plaster is white. It has great power in seizing on the escaping ammonia and giving it to plant life. Gypsum is the cheapest, and especially when used in conjunction with manure, one of the most powerful fertilizers in nature. It also attracts moisture. It is used largely on all crops, and it is of great benefit to lawns, as well as to every sort of fruit trees, vegetables or flowers. Sow early in the spring and autumn, when verdure is moist. Best effect to sow light and often. In good linen bags containing 150 lbs., 75c per bag, $9.00 per ton.

Nitrate of Soda—A powerful fertilizer, containing a large percentage of nitrogen, the property which soil most requires. Per lb. 10c, 15 lbs. $1.00, 100 lbs. $4.50.

Nitro Culture—See page 40.

Peruvian Guano—From the large amount of ammonia and phosphate contained in pure Guano, it is one of the most powerful stimulants for plants and growing crops. Before using it should be made fine, and may be mixed with loam, charcoal, dust or plaster. It should not be mixed with lime or ashes; mulch or clay also are not suitable. It should not come in contact with growing plants. As it is nearly soluble in water, it is most easily converted into liquid manure, and when applied in that form its effects are almost immediate. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, which is more efficient than repeated waterings with weaker solutions. Per lb. 10c, 25 lbs. $1.75, 100 lbs. $5.00.

Pulverized Sheep Manure—A natural manure, most nutritious for plants; effect immediate and lasting. Excellent for mixing with soil for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes safe and quick liquid manure; one pound to five gallons of water, can be used daily, if necessary, with safety. 1 lb. 10c, 12½ lbs. 50c, bag of 100 lbs. $2.00.

SPECIAL MANURES FOR HOUSE AND GARDEN PLANTS.

Peruvian Guano—A valuable plant food. See above for particulars. Directions on package. In packages at 15c, postpaid 30c; and 25c, postpaid 70c.

Arnott's Complete Soluble Plant Food—This manure especially commends itself for use on plants in the house, conservatory and garden, because it is not only entirely free from odor, but is completely soluble in water and perfectly clean to handle—a threefold combination which is unique. Moreover, it is not a stimulant, the effects of which pass away and leave the plant exhausted and an easy prey to disease and parasites, but a true plant food which strengthens and improves the plants permanently. In 1 lb. tins, 25c; postpaid, 45c.

"BONORA," Nature's Plant Food

Bonora—Good for flowering plants of all kinds, lawns, shrubbery, vegetables of every variety, grape vines, fruit and shade trees, and for everything pertaining to plant life. It is, in fact, to plant life what blood is to human life. It is a boon to the early vegetable grower, maturing the crop two or three weeks earlier, besides improving the quality and increasing the quantity. It will greatly enrich the soil wherever applied.

Put up in dry form, as follows: Small package, making 7 gallons, 25c, postpaid 35c; 1 lb., making 28 gallons, 50c, postpaid 75c; 5 lbs., making 140 gals., here $2.50.

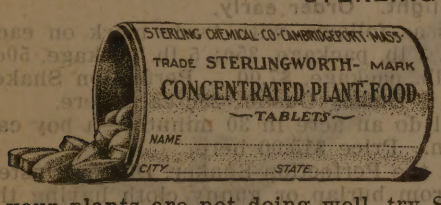
Circular and further information on application.

Directions for Use—It should be put in a wooden vessel and kept where animals cannot drink it. Sprinkle it on the plant, using a sufficient quantity to soak through the earth and reach the roots. Give two applications one week apart, and you can then judge whether another is necessary by the appearance of the plants.

Treated with "BONORA." Treated with Fertilizer.

Both were the same size before treatment.

STERLINGWORTH PLANT FOOD TABLETS,



contain nitrogen, ammonia, phosphoric acid and potash. A new scientific, odorless, concentrated fertilizer for potted plants and vegetables. Takes the place of liquid manure. Use by dissolving in water. It starts the plants at once into healthy and vigorous growth and makes them grow and bloom luxuriously. They drive troublesome insects and worms from the soil. They are odorless, non-poisonous, uninjurious, and are clean and easy to handle. If your plants are not doing well, try Sterlingworth Plant Food Tablets and see how quickly they are benefited. Trial size box, sufficient for 10 house plants for 3 months, 12c postpaid. Large size box, sufficient for 35 plants for 3 months, 25c postpaid.

CLIMAX LAWN SAND—KILLS ALL WEEDS ON LAWNS.

We highly recommend this remarkable preparation, which absolutely destroys dandelions, plantains, moss, chickweed, and other weeds in lawns. It will not hurt the grass, but just the reverse, as it has some of the properties of a fertilizer. Applied with the hand any time during the summer months. Write for circular with directions and testimonials. Extensively tried and proved the past season. Price—3½ lb. can, for 150 sq. ft., 60c; 7 lb. can, for 250 sq. ft., $1.00; 14 lb. can, for 500 sq. ft., $1.75; 28 lb. keg, for 1000 sq. ft., $3; 56 lb. keg, for 2000 sq. ft., $5; 112 lb. keg, for 4000 sq. ft., $8.00

PREPARATIONS FOR THE DESTRUCTION OF INSECTS

Slug Shot—(Hammond's)—It is in the form of an impalpable powder, and is fatal to insect life in every form in which they are injurious to vegetation. It will also be found to be an excellent fertilizer, as plants upon which it is used will be found to grow and look finer than those upon which it is not. It contains nothing injurious to domestic animals and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. Canisters, with perforated top, filled with Slug Shot, 25c each, postpaid 45c. In 5 lb. packages, 40c; 10 lb. packages, 70c; in barrels of about 225 lbs, 5c lb. here.

Grape Dust—(Hammond's)—An excellent article for killing as well as preventing mildew, mould or rust mites on roses, grape vines and other plants and trees affected by the same. More effectual and cheaper than sulphur. Required to be applied reasonably frequent. In 5 lb. packages, 50c; in 100 lb. kegs, $7.00 here.

Whale Oil Soap—Prepared with Tobacco—A splendid article for preserving flowers, shrubs, vines, and particularly rose bushes, from the destructive effects of slugs, grubs, worms, etc.; also good for scale. 1 lb. box, 25c; postpaid, 20c per box extra.

Nikoteen Aphis Punk—A special preparation of nikoteen for burning in greenhouses to destroy green and black fly, thrip, etc. Box of 1 dozen rolls, 80c; postpaid, 90c.

Nikoteen—A liquid insecticide for use of florists and gardeners. It is composed of that element in tobacco which gives it its value and nothing else. This is without doubt the best remedy for most of the insects that attack plants and flowers. Circulars giving full particulars and mode of treatment on application. Price $2.00 per pint bottle here.

Church's Potato Bug Finish—It is recommended to destroy all insect life which feeds on the leaves of plants, shrubs, bushes, etc. Use 25 lbs. to the acre, and dust it on with a fine sieve. Apply after a rain or after a dew in the morning; so that it will adhere to the vines. In 1 lb. canisters, 10c each; 10 lb. lots, 25c; 25 lbs., 50c; 100 lb. lots, $1.75; barrel of 300 lbs. $4.50 here.

Eureka Weed Killer—Truly a gardener's friend, applied when the ground is moist, so that it can get at the roots. It will destroy all weeds, moss, etc., on gravel paths, drives, stable yards, etc., and keep them under the whole season. In tins, contents of one of which, mixed with water, is sufficient for 100 square yards of path. Directions on tins. Price, $1.25 per tin here.

Hughes' Fir Tree Oil—This has proved to be one of the most reliable for destroying red spider, green fly, mealy bugs, scale, ants, thrip, onion fly, caterpillar, slug, blight, etc.; also used much as a dog wash. It is put up in bottles with directions for its use. Small bottles 25c, postpaid 35c; good size bottle, 50c; large bottle, 75c here.

No. 1 Paris Green—We hear a great many complaints about this article, which is largely used, and it should be A1 for spraying and kindred uses. We have received a stock of the very best we can procure, which we offer as follows: In bulk, 40c per lb.; in ½ lb. packages, 25c each; in 1 lb. packages, 45c each. If required by mail, add 20c per lb. for postage.

Sulpho-Tobacco Soap—Destroys cabbage, squash and potato bugs, currant worms, lice, green fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out of doors. Of special value for spraying shrubs, fruit trees and vines. Produces luxuriant roses if bushes are sprayed liberally before blooming time; a splendid wash for dogs and other animals. 3-oz. cake makes 1½ gallons prepared solution. 12 cents, postpaid 15 cents. 8 oz. cake makes 4 gallons prepared solution. 25c, postpaid 35c. 10 lb. cake makes 80 gallons prepared solution. By express, $3.00.

Free with every order of Sulpho-Tobacco Soap, The Window Garden, a booklet by Eben E. Rexford, on the cultivation of plants and the extermination of insects.

Kills the Bugs. Feeds the Plant.

Pat. in Canada Nov. 2, 1897, Jan. 25, 1900.

NON-POISONOUS. PREVENTS BLIGHT.

BUG DEATH

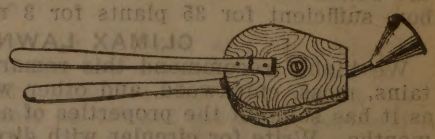
This insecticide and Plant Food combined has been on the market for 10 years, and its sales have shown a large increase each year. We can say to our customers that we give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the **extra yield of marketable potatoes has more than paid the entire expense.** It is non-poisonous, which makes it perfectly safe to use on all plants or vines. Very beneficial results are obtained by using Bordeaux Mixture in connection with Bug Death, and they can be mixed and sprayed on the vines at the same time, with any of the spraying machines on the market for that purpose. **Bug Death prevents blight. Order early.**

Price—Put up in packages as follows, with trade mark on each package: 1 lb. package, 15c, 3 lb. package, 35c; 5 lb. package, 50c; 12½ lb. package, $1.00; 100 lb. package, $7.00. Perfection Shaker for applying Bug Death, 65c. Dickey Duster, 25c each here.

Farnham Dust Motor—Will do an acre in 30 minutes—a boy can run it. Write for description. Price $15.00 here.

It may be applied dry with the Perfection Shaker, Dickey Duster, or with a small bag made from burlap or gunny cloth having the right mesh, also mixed with water and sprayed as above stated.

ELECTRIC INSECT EXTERMINATOR.

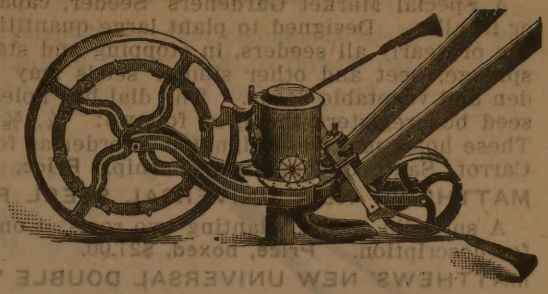


It is the most economical device for effectually applying Paris Green or other powder with little labor. The powder is put in the machine through the opening in the side, and when the handles are worked the force of the compressed air expels it so that it is spread evenly over the plants. The handles are adjustable so that the machine will work upwards under the leaves of the plants. It only requires 1 lb. of Paris Green to do an acre of potatoes; no water required. $1.25 each, or $1.50 postpaid.

LABOR SAVING IMPLEMENTS

MATTHEWS' NEW UNIVERSAL MODEL GARDEN DRILL. NO. 17.

With New Seed Cut-off and Improved Markers.



Is everywhere acknowledged to be the standard drill of America. It has been many years in use, and its largely increasing sale is the best evidence of its merit. It is designed for use in field or garden. When in operation it opens the furrows, drops the seed accurately at the desired depth, covers it, and lightly rolls the earth down over it, and at the same time marks the new row. It will sow Beet, Carrot, Onion, Turnip, Sage, Spinage, Sorghum, Peas, Beans, Fodder Corn, Broom Corn, etc., with a certainty, regularity and rapidity impossible for the most skilful hand to do. **Price, boxed, $8.00.**

MATTHEWS' NEW UNIVERSAL CONSTELLATION—SEEDER, HOE, CULTIVATOR, PLOW. Etc.

NO. 19.

This illustration shows the complete implement with all attachments furnished.

In this constellation is presented a brilliant assemblage of the new Universal Drill and the Double Wheel Hoe, Cultivator Rake and Plow for use either as a single or double wheel implement. Six implements in one. Each implement is entirely separate from the other, and the only parts used in each, the wheels and handles, are changed from one frame to the other by only two bolts. The cultivating attachments are shown detached. They are: 1 Cultivator Frame, 1 Centre Cultivator Tooth, and 1 pair each Hoes, Plows, Rakes, Markers, Narrow Cultivator Teeth and Wide Cultivator Teeth. **Price, boxed, $10.50.**

MATTHEWS NEW UNIVERSAL MODEL GEM GARDEN DRILL. NO. 18.

This has been perfected to meet the demand for a low priced drill. We have not only accomplished this in our design, but here offer a drill with all the essential qualities of the Matthews principle, even to embodying Seed Dial and Indicator from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of the larger drills, but we are sure that all in want of such a drill as we represent this to be will find it to their advantage to buy the Matthews Garden Gem. **Price, boxed, $6.25.**

MATTHEWS' NEW UNIVERSAL MODEL HILL AND DRILL SEEDER. NO. 16.

Same in style and working qualities as the above, just described, but so arranged as to drop the seed continuously in drills or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment of this Hill Dropper saves the seed, and no more than desired is dropped at a time. The change to the ordinary drill is made by one thumb-screw in detaching the "CUT OFF" from the Agitator and fastening it back on the frame. Price, boxed, $9.00.

MATTHEWS NEW UNIVERSAL COMBINED HILL AND DRILL SEEDER, CULTIVATOR, RAKE, PLOW AND MARKER. NO. 22.

This new implement combines the features of our No. 16 Hill and Drill Seeder with those of our No. 26 Expansion Wheel Hoe. It is a single wheel seeder and a one or two wheel Cultivator Rake and Plow; changed from Seeder to Cultivator by removal of two bolts. Above cuts show as a Seeder and a Two-wheel Cultivator. This is a grand combination and will give the best satisfaction. **Price, boxed, $12.00.**

NEW UNIVERSAL STEEL FRAME MARKET GARDENERS' SEEDER. NO. 28.

A Special Market Gardeners' Seeder, capacity of seed box 4 quarts. For planting either in drills or in hills. Designed to plant large quantities of small seeds without the waste incidental to the use of nearly all seeders, in stopping and starting. The most exact results, especially on onion, spinage, beet and other similar seeds may be obtained with this seeder. It sows all kinds of garden and vegetable seeds. The dial has holes of all sizes, and an indicator in plain sight on side of seed box registers them, as follows: ¾, ⅝ x ½, ½, 7-16, ⅜, 5-16, ¼, 7-32, 3-16, 3-32, ⅛, 1-16 each. These holes may be designated in order as for Corn, Peas, Beet, Parsnip, Spinage, Radish, Onions, Carrot, Sage, Cabbage and Turnip. **Price, boxed, $12.00.**

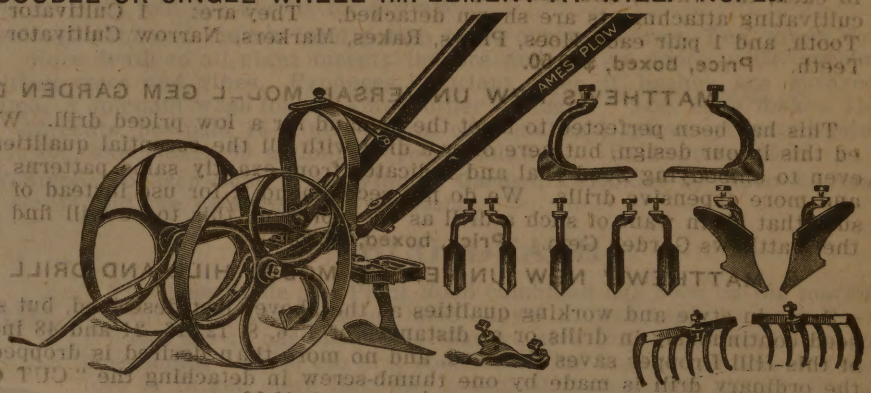
MATTHEWS' NEW UNIVERSAL STEEL FRAME 2-ROW HILL AND DRILL SEEDER. NO. 23.

A splendid seeder, planting two rows at one time, specially for Beet, Onion and Spinage. Write for description. **Price, boxed, $21.00.**

MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE. No 14

Specially designed for working both sides of the row at one passing. The special recommendation is the Adjustable Arch, by which not only the depth of work can be gauged, but which, by an ingenious device enables the teeth to be pitched at any angle desired. It can be pushed straight ahead, but better results are obtained by using it same as a scuffle hoe, with successive strokes of length to suit the nature of soil and crop. It can be used either astride or between rows. To work both sides of the row at one passing, the attachment can be set to suit width of crop to be cultivated, keeping road midway between the wheels; no need to watch the teeth. The hoe blades can be set to turn in or out as desired by the operator. Four cultivator teeth are furnished with each; two can be used at desired width to mark out rows. For furrowing, the plows can be set close together and turn outward; for covering, set to width desired and turn inward. The depth can be regulated by adjusting wheel arms in the three holes provided on each side of the arch, also by pitching the arch by means of the arch brace and the thumb bolt, where it connects to the lower handle brace. The leaf guards are to prevent wheels from injuring large spreading foliage. **Price boxed, $6.50. With one pair Hoe Blades only, No. 15, $4.25.**

MATTHEWS' NEW UNIVERSAL EXPANSION WHEEL HOE, CULTIVATOR, RAKE AND PLOW, HIGH ARCH. A DOUBLE OR SINGLE WHEEL IMPLEMENT AT WILL. NO. 26.

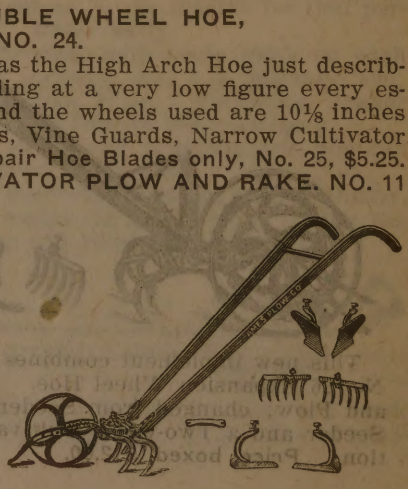


The wheels are 12 inches in diameter, and the arch high enough to cultivate over plants 20 inches or more in height. Our Double Wheel Hoe meets all requirements, but we here present, if possible, a more complete implement of larger size. The Adjustable Arch affords means for regulating depth, and for setting pitch of teeth, a very valuable feature in using the Hoe Blades. It also admits the use of implement by either man or boy. Expansion Pads, or Tooth Holders, are provided, so any width of cultivation may be attained from the narrowest up to 20 inches wide. One wheel is preferred by many when in use as a "between row" cultivator, and for this purpose we provide the Centre Attachment, consisting of Wheel Scraper and Tooth Holder. The attachments are: 1 pair each long bladed Hoes, short bladed Hoes, narrow Cultivators, wide Cultivators, Plows, Rakes and Vine Guards, and a Centre Cultivator and Centre Tooth Holder. **Price, boxed, $9.50. With one pair Hoe Blades only, No. 27, $6.00.**

MATTHEWS' NEW UNIVERSAL EXPANSION DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW. NO. 24.

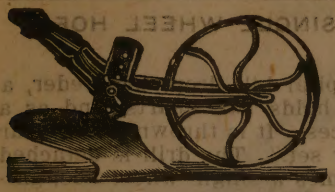
Extension pads, spring steel arch, and arch brace of same style as the High Arch Hoe just described, are used in the construction of this implement also, thus affording at a very low figure every essential to our new Wheel Hoe, except that the arch is not so high and the wheels used are 10⅛ inches in diameter. The attachments are: 1 pair each Hoes, Plows, Rakes, Vine Guards, Narrow Cultivator Teeth and Wide Cultivator Teeth. **Price, boxed, $7.50. With one pair Hoe Blades only, No. 25, $5.25.**

MATTHEWS' NEW UNIVERSAL SINGLE WHEEL HOE, CULTIVATOR PLOW AND RAKE. NO. 11



As with the Double Wheel Hoe just described, it can be used either between or astride the rows, although it is really intended for between row cultivation. For astride cultivation the wheel can be set to one side so as to bring the row of young plants under centre of frame. Later cultivation must be done between rows. The adjustment for graduating the depth of cultivation is unique and readily accomplished. There are five adjustments of depth. The attachments are: 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 Vine or Leaf Guard.
Price, boxed, $5.75. With 1 pair of Hoe Blades only, No. 13, $3.25.

No. 12—Same as above, excepting the attachments, which are: 1 pair Hoes, 3 Cultivator Teeth and I large Plow. **Price, boxed, $5.**



MATTHEWS' NEW UNIVERSAL HAND WHEEL PLOW. No. 10.

This little labor saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered. **Price $2.25.**

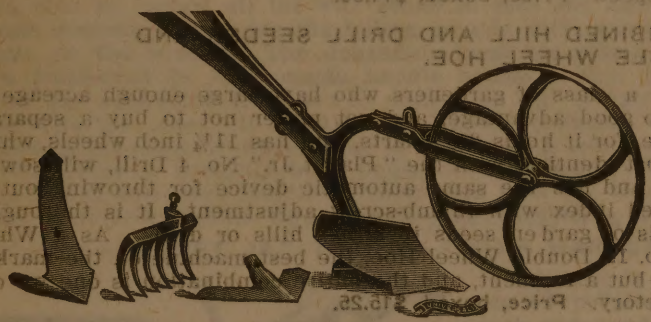
MATTHEWS' NEW UNIVERSAL HAND PLOW. NO. 9.

This is the same plow and Standard as used in the new Universal Hand Wheel Plow, only fitted with a long handle, to be drawn, instead of pushed. **Price $2.00.**

MATTHEWS' NEW UNIVERSAL HAND WHEEL PLOW, ETC.

Same as the hand Wheel Plow, but has a 12 inch wheel and the following attachments: 1 Landside Plow, 1 Sweep or Scuffle, 1 Rake and 1 Cultivator. **No. 112, price $2.75.**

Garden Plow, Etc., with Push Bar.



MATTHEWS' NEW UNIVERSAL STEEL FRAME GARDEN PLOW AND ATTACHMENTS, NO. 8.

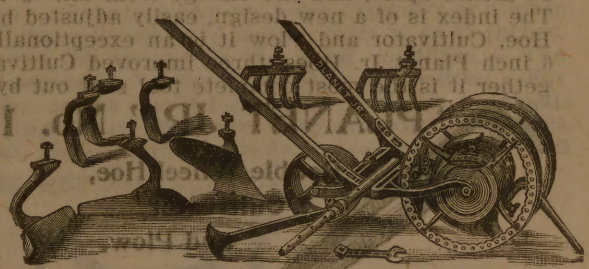
This implement, we believe, will prove a very acceptable addition to our line. The wheel is adjustable, and is 15½ inches in diameter. The handles are also adjustable. The finish is in the same style as our other implements of this well-known line. The attachments are: 1 Landside Plow, 1 Sweep, or Scuffle, 1 Rake and 1 Double Tongued Cultivator. **Price, boxed, $3.25.**

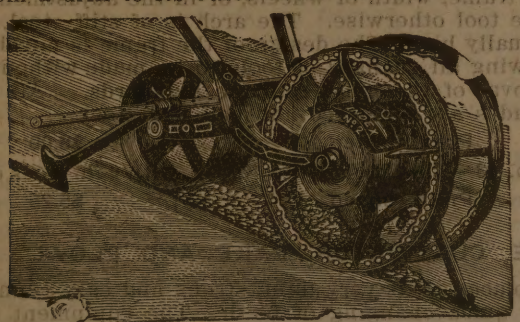
MATTHEWS' NEW UNIVERSAL STEEL FRAME GARDEN PLOW AND ATTACHMENTS, WITH REAR WHEEL AND PUSH BAR. No. 118.

Same as above plow, only having push bar coming up between handles from the front wheel, and which takes the weight off the body, thus making the work easier; the rear wheel is a great addition. **Price, $4.25.**

"PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW. No. 1.

As a Seed Drill, it is the same as No. 2, except in size. It holds 3 pints. Each tool is supplied with 1 pair of long hoes, 1 pair rakes, 3 reversible cultivator teeth, and a large garden plow. As a hoe it works safely and closely both sides of a row at once when plants are small, between rows when plants are large, working all rows up to 16 inches wide at one passage. As a plow it opens furrows, covers them, hills, plows to and from, etc. As a cultivator it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel. Easily changed from a drill to its other uses. **Price, boxed, $11.75;** without Rakes $10.75.





THE "PLANET JR." NO. 2 SEED DRILL.

Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row in the most perfect and reliable manner, all at a single passage. It holds three quarts. It has no cams, cover brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; remarkable for simplicity, strength, and for ease and perfection of work in the field. It can be set to run deep or shallow, and the seeds are deposited in a narrow line. **Price, boxed, $8.50.**

"PLANET JR." NO. 3 HILL AND DRILL SEEDER.

This is the same tool as the No. 5 Seeder and just as good, except that it is smaller in size. The hopper holds three quarts. 15-inch patent steel driving wheel, with broad face, which makes the drill run easily, even when full. The quantity of seed is regulated by an accurate index, conveniently placed at the top of the handle, and carefully graduated for either hill dropping or drilling. The flow of seed is started or stopped by a single movement of the forefinger. The roller is broad and hollow-faced, leaving a wide, smooth track for the wheel hoe. It is extremely simple, and will not injure the most delicate seed. **Price, boxed, $12.00.**

"PLANET JR.," NO. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts, and as a seeder sows in continuous rows, or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. **Price, complete, boxed, $12.50; as Drill only, $10.25.**

"PLANET JR." No. 5 HILL AND DRILL SEEDER.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by removing a convenient lever; or, the flow of seed is stopped by pushing down the seed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy, and marks the next row clearly. 16½ inch patent steel drive wheel; hopper holds five quarts; it runs light, and sows equally well with a full hopper or a tablespoonful of seed.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. **Price, boxed, $14.50.**

"PLANET JR." NO. 25 COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE.

This combined machine is intended for a class of gardeners who have large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It is large enough for field use, for it holds 2½ quarts, and has 11¼ inch wheels, which are just the right size. As a drill it is almost identical with the "Planet Jr." No. 4 Drill, will sow in drills or hills 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear and the new combined cut-off and seed index with thumb-screw adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills. As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory. **Price, boxed, $15.25.**

"PLANET JR." NO. 6 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

This is the most complete Hill and Drill Seeder now on the market. It will drop in hills and sow in drills all garden seeds with the greatest regularity to any exact depth required. Covers, rolls down and marks the next row all at one operation. The handles are adjustable for either man or boy. The wheel is 16½ inches high, making it an easy running tool. The feed is the most accurately constructed and the cut-off works smoothly and accurately. It drops in hills 4, 6, 8, 12 and 24 inches apart, and the change from hill to drill and vice versa can be made in a few seconds. The index is of a new design, easily adjusted by means of an accurate thumb-screw. As a Wheel Hoe, Cultivator and Plow it is an exceptionally easy running tool. The equipment consists of two 6 inch Planet Jr. Hoes, three improved Cultivator Teeth, and a large Garden Plow. Taken altogether it is the most complete tool sent out by the Planet Jr. Company. **Price, boxed, $15.25; as Drill only $12.50.**

"PLANET JR." No. 12 Double Wheel Hoe, Cultivator and Plow.

This tool has 11-inch wheels which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch, are entirely undisturbed in making changes in the height of frame, width of wheels, or in the adjustment of the tool otherwise. The arch is of stiff steel, unusually high. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards. All the blades are tempered and polished steel.

Price, boxed, - - - $8.00

No. 13—This tool is the No. 12, with 6-in. Hoes only

Price, boxed, - - - $5.25

"PLANET JR." NO. 16 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

This is a perfect Wheel Hoe for gardens or private places. It is very light, strong and easy running, has adjustable handles and frames, easily adapted for quick changing of teeth. The equipment is a most useful one, and will be found just right for a great variety of work. The frame changes in height and the wheel to the other side of the frame, to hoe both sides of the row at once. **Price, boxed, $6.75.**

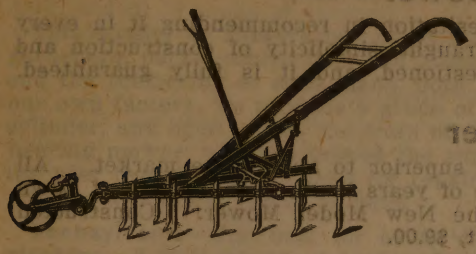
No. 17—This tool is the No. 16, without the leaf guards or rakes. **Price, boxed, $5.75.**

No. 18—This tool is the No. 16, with one pair 6-inch hoes only. **Price, boxed, $4.00.**

EUREKA SEED DRILL.

For kitchen garden and hot-beds only. It sows and covers beets, cabbage, carrot, celery, lettuce, onion, radish, spinage, turnip seed and flower seeds with greatest regularity. Force feed. Splendid for hot-beds. Sows close to the sides in straight rows. Not a toy, but a strong, practical machine that will last and give satisfaction. **$1.00 each; postpaid $1.40.**

NEW UNIVERSAL HARROW CULTIVATOR. NO. 49.

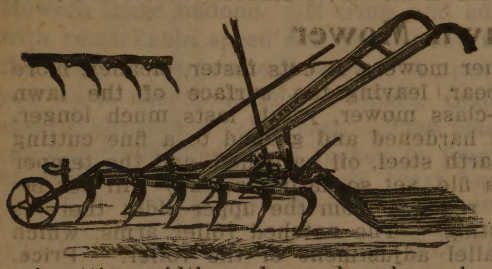


For fine work among small plants where it is desired simply to loosen and pulverize the soil, this style of cultivator is unsurpassed. It is especially desirable in the working of strawberries. Adjustable and reversible steel teeth, diamond shaped, may be used either end up, and may be set either straight or slanting backward or forward. One end of each tooth is cut plain, while the other end is curved and forged. It has 14 teeth, expanding lever and wheel lever. We recommend this implement as the strongest and best Harrow Cultivator made. **Price $8.00.**

NEW UNIVERSAL HOLLOW STEEL STANDARD HORSE HOE AND CULTIVATOR. NO. 42.

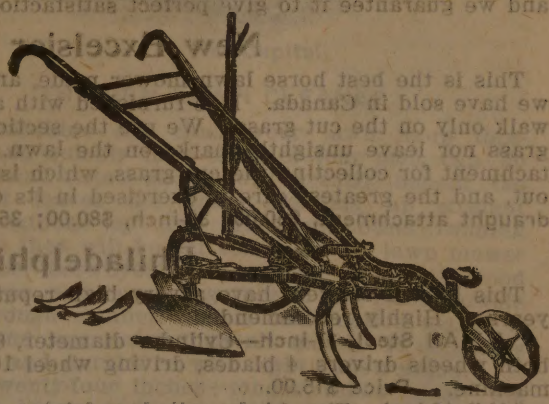
The new Universal Horse Hoes and Cultivators are recommended as strictly first-class, and the peer of any similar implement on the market. The frame is made of special quality steel, and is longer and higher than usual to give better control of the implement and keep clear of trash. The tooth standards are pressed from hard sheet steel, forming a hollow back and a round front. They are strong and easy of adjustment. The hoe standards take either hilling moulds or cultivating teeth, and may be turned all the way round to give any sideways angle desired, and to use the hilling moulds with point foremost, or the reverse. The expanding bars are strong and are reinforced by the outside handle braces. The wheel lever and expanding lever are so shaped as not to interfere one with the other. It has the rear depth regulating wheel which is operated by wheel lever in unison with front wheel, which keeps it perfectly level under all conditions. This may be detached if not wanted. The handles are of increased length to correspond with the long frame, and are adjustable. Attachments: Five Cultivator Moulds, three Hoe Moulds, Expanding Lever and Wheel with Lever. **Price, $8.50.**

The "PLANET JR." TWELVE TOOTH HARROW, CULTIVATOR AND PULVERIZER.



This tool is offered as the very best known for its intended purpose. The frame is high. The blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface, the recurved throat of the tooth and the high frame preventing clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. The teeth are set straight with the line of motion, at medium width, and are interchangeable. They may be worn off three inches before requiring renewal and yet retain their original cutting width, and are cheaply replaced when worn. This tool has our lever expander and lever wheel, by which the depth and width may be changed instantly while in motion from 32 to 12 inches, and also a thorough pulverizer attachment, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which is operated instantly by the foot while in motion. For fine cultivation, either deep or shallow, or for working among small plants, this tool has no equal. It cultivates deep, without throwing earth upon the plants, and the teeth turn strawberry runners without injuring them. **Price, plain, $8.00. With wheel, $9.00. Complete, with Pulverizer, etc., $10.50**

THE "PLANET JR." NO. 8 HORSE HOE AND CULTIVATOR.



This is an improvement on the No. 6 Horse Hoe, and differs from it as follows:

The frame is longer than usual and about one and a half inches higher, making a tool that will not clog easily. The standards are framed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator; these are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. The Expander—This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. Handles and Braces—These are also absolutely new and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of the handles in height and sidewise. The Reversible Side Hoes, patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots, that an immense amount of hand labor is saved. Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. **Price, $10.00; without Wheel, $9.00.**

We have Special Catalogues giving full descriptions and directions in regard to Lawn Mowers, Spray Pumps, including Spraying Calendar and Mixtures, Drills, Hoes, Cultivators, etc. We mail these on application.

The "O. K." Lawn Mower

This Mower has been thoroughly tested, and we have no hesitation in recommending it in every respect as a first-class low price machine. For lightness of draught, simplicity of construction and adjustment this mower is a great success; its quality is unquestioned, and it is fully guaranteed. **16-inch cut, $4.50.**

New Model Mower

For simplicity, durability and quality of work, this Mower is superior to any in the market. All that mechanical skill can devise, or the experience of a score of years in the manufacture of Lawn Mowers could suggest are embraced in the construction of the New Model Mower. Constructed of the best material only and A1 in every respect. **16-inch cut, $9.00.**

The Universal High Wheel Mower

This Mower, for cutting either tall or short grass, is intended to meet the requirements for a cheap, strong, substantial and light running machine. The driving wheels are 9 inches in diameter. The revolving cutter consists of a steel shaft, malleable iron flanges, and the knives are of extra heavy steel of the best quality. The adjustments and ratchet, while simple, are also positive, and cannot get out of order. We use on this Mower our double-edged bottom knife and noiseless wood roller. . . **16-inch cut, $4.50 each.**

Rival High Wheel Lawn Mower

The driving wheels are 9 inches in diameter and the revolving cutter has three blades of the best quality of steel. It is the only practical self-sharpening mower, the adjustments are simple, the material and workmanship the best, and it is a first-class mower at a reasonable price. **16-inch cut, $6.50.**

New Model High Wheel Mower

This has all the good qualities of the famous "New Model," and in addition, besides other improvements, will cut higher grass than the ordinary mower. **16-inch cut, $10.50.**

The Lennox Ball Bearing Mower

An excellent cheaper make of this latest and best style of Lawn Mower; 3 blades. **16-inch cut, $8.00**

Stearns Ball Bearing Lawn Mower

While it runs so much easier and with less noise than other mowers, it cuts faster, cleaner, more evenly, does not push the grass before it, but cuts every spear, leaving the surface of the lawn perfectly smooth. It costs no more than the average high-class mower, yet it lasts much longer. The stationary knife is of selected quality crucible steel, oil hardened and ground to a fine cutting edge. The cylinder knives are of special analysis open hearth steel, oil hardened, and the temper drawn just enough to permit of their being sharpened with a file, yet so hard that they will not become nicked. All oil holes and adjusting screws are easily reached from the upper side; there is no necessity for turning the mower over for oiling or adjusting. The notched roller arms, which lock into corresponding notches in the side plate, allow parallel adjustment of the roller. **Price, 16-inch cut, $9.00.**

Royal Blue Ball Bearing Mower

In this Mower we offer to the public the simplest, lightest running and most perfect Mower of its kind produced. One screw adjusts both bearings and effectually takes up all lost motion, keeping the bearings properly adjusted more permanently than any device heretofore used on a mower. It has our improved ratchet, adjustable handle device for terrace cutting, and will do more kinds of work than any other mower on the market. It is made of the best material, handsomely finished, and we guarantee it to give perfect satisfaction. **16-inch cut, $13.00.**

New Excelsior Horse Lawn Mower

This is the best horse lawn mower made, and we have excellent testimonials from those to whom we have sold in Canada. It is furnished with a side draught attachment that permits the horse to walk only on the cut grass. We use the sectional castor wheels, which do not roll down the standing grass nor leave unsightly marks on the lawn. We can also furnish, when desired, a grass box attachment for collecting the cut grass, which is extra. It is made of the very best material throughout, and the greatest care is exercised in its construction. **25-inch cut, with seat, shafts and side draught attachment, $60.00; 30-inch, $80.00; 35-inch, $100.00; 40-inch, $120.00.**

Philadelphia Lawn Mowers

This line of Mowers have a very high reputation and in use both in America and Europe for forty years. Highly recommended.

"A," All Steel, 17-inch—Cylinder diameter, 6½ inches, train of 3 gears and double ratchet making both wheels drivers, 4 blades, driving wheel 10 inches high; a magnificent light and easy running machine. **Price $15.00.**

"K," 16-inch—Five blade cylinder, driving wheel 10 inch high, diameter of cylinder 6½ inches, single pinion, geared on both sides, runs lightly and cuts smoothly and even. **Price $8.50.**

"C," 16-inch—Four blade cylinder, driving wheel 8½ inch high, diameter of cylinder 5¼ inches. single pinion, geared on both sides, runs lightly and cuts smoothly and even. **Price $7.50.**

All Day, 16-inch—Four blade cylinder, driving wheel 10 inch high, diameter of cylinder 6½ inches, single pinion, geared on both sides; a fine machine. **Price $6.00.**

Golf, 17 inch—Eight blade cylinder, driving wheel 10 inch high, diameter of cylinder 7½ inches, train of 3 gears and double ratchet; the best machine made. **Price $16.00.**

Lawn Trimmer—Revolving cutter with 4 crucible steel blades, tempered in oil, cuts 6 inches wide and within ¼ inch of the edge. **Price $6.00.**

PENNSYLVANIA LAWN MOWERS

This quality of Mowers has stood the test for 30 years, and there is nothing as good for jobbing, gardeners, parks, cemeteries, and large private grounds. The use of high cost steel in our knives and the tempering of each blade, both stationary and revolving, is confined to our works. Having our own factory, we produce a grade of casting better than we can buy. Having originated the open cylinder, and open wheel, the train of gears, the self-sharpening mower, and the first successful ball-bearing mower, we have proved the superiority of our mechanical equipment. The machines cost the user less than any others for repairs and re-sharpening, and their long life reduces the original price to a nominal yearly amount.

Pennsylvania—The best for every class of work; will last longer and do more than any other machine. 8 inch wheels, 4 blades, 5½ inch cylinder. 16 inch, $12.50.

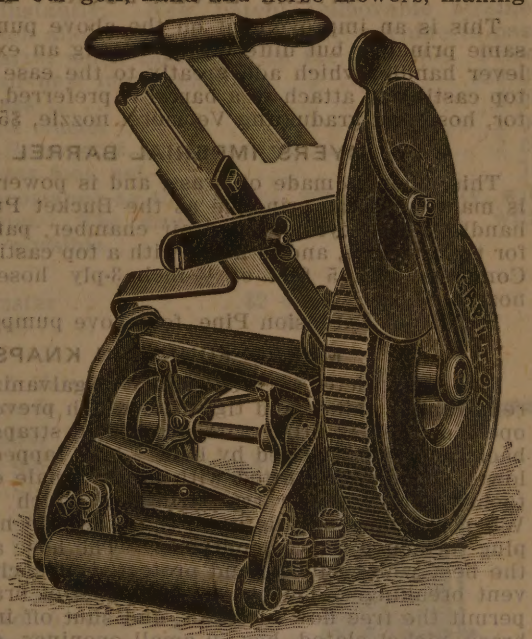
Pennsylvania Junior, Ball Bearing—The perfection of lawn mower construction, 5 tempered crucible steel blades, self-sharpening lower knife, ball bearing cylinder journals. 8 inch wheels, 5 blades, 5½ inch cylinder. 16 inch, $13.00.

Great American Ball Bearing—The first successful ball bearing mower; the largest sale of any, and the best all-round mower of its class in the world. Positively self-sharpening. 10 inch wheels, 5 blades, 6 inch cylinder. 17 inch, $13.50.

Pennsylvania Pony Mower—This machine bridges the space between 21 inch hand mowers and horse size, combining strength of latter with the mobility of the former, making it specially useful on large lawns where the surface is broken by walks and shrubs, or is too hilly for horse mowers. It can be handled by two men. The 4-knife machine is fitted with Enos folding self-sharpening lower knife, double train of gears, extra wide blades, and large cylinder, fitting it for use in high grass. The 6-knife machine has the upturned lower knife used in our golf, hand and horse mowers, making it unrivalled for fine lawns and golf greens. 4 blades, 25 inch cut, $60.00; 6 blades, 25 inch cut, $70.00.

THE CAPITOL LAWN TRIMMER AND EDGER.

Does what no other machine can do, and what Lawn Mowers leave undone. It trims and edges your lawn with remarkable speed and perfection; the shield over the blade protects the flowers. A trial will convince you, as it has thousands of others, that the days of shears, clippers, etc., is past. This machine has four crucible steel blades six inches in length, which are hardened and tempered in oil, brass bushings, double adjustment, in fact, is strictly high grade. Price $7.00.



The Capitol.

PLANET JR. GRASS EDGER.

Extreme neatness is the great secret of attractiveness in grounds surrounding a house. The Grass Edger assists wonderfully in producing this effect. It will edge either straight or curved work, paths, drives, open borders or flower beds, at a speed of a mile an hour. It should be the constant companion of a lawn mower. Strawberry growers find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners. Price $7.25.

THE GEM LAWN CLEANER.

This machine can clean your lawn more thoroughly and quickly than three or four men can do it with hand rakes, and it will greatly benefit the turf. It leaves the grass standing up straight and strengthens up crab grass and other running weeds so they will be cut closer by the lawn mower and sooner destroyed. It is made of metal, wood and canvas, and is put together in the most durable and thorough manner. This combination makes it lighter and less noisy than all metal. It combines strength and durability with light construction. It cleans twenty-four inches—longer rakes make the work too heavy, and any shorter do too little work; only one size is made. A strong current of air, created by a rapidly revolving fan with metal teeth, is the principle by which this machine cleans a lawn. The metal teeth rake up everything on the surface of the lawn, in combination with the current of air, carry it to the canvas receptacle or basket, which is large and is easily emptied when full. Cut grass left on the lawn smothers the new growing shoots. $18.00 each. We highly recommend it.

PRESTON LAWN SPRINKLER.

We offer in this the best Lawn Sprinkler we have seen as yet. Sprayer is about 6 inches high and throws a splendid spray either high or low, and covers a lot of ground; has 3 revolving arms. It is not necessary to stop the water to move the sprayer. $1.50 each.

STEARN'S REVERSIBLE LAWN SPRINKLER.

Throws either a righ or low spray over an unusually wide area by simply reversing the cap. Only two pieces and brass spring in its construction. May be instantly adjusted for any pressure of water. Japanned finish, with nickel plated non-rusting cap. Is threaded to fit standard ¾-inch hose coupling, and is provided with an internal rubber packing. Price, 75c each.

MYERS' BUCKET SPRAY PUMP.

Is constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all on the downward stroke of the piston and nothing on the up; the effect of this operation while pumping is to hold the pump down, the footrest steadies the pump, holding it in proper position. It is provided with a large air chamber and has ball valve. The pressure is held uniformly in the air chamber and on the hose, so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. Will throw a solid stream 50 feet, and is of unusual value for washing windows, buggies and extinguishing fires, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet at the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only and a very necessary feature to a spray pump.

Brass Pump with Agitator, complete with hose, graduating Vermorel, fine coarse spray and solid stream nozzle and malleable footrest, $4.50.

MYERS' LEVER BUCKET SPRAY PUMP.

This is an improvement on the above pump, being constructed on the same principle but differing by having an extra large air chamber and a lever handle, which add greatly to the ease in pumping; it has also a top casting to attach to a barrel if preferred. Price, complete with agitator, hose and graduating Vermorel nozzle, $5.00.

Lever Bucket Pump.

MYERS' IMPERIAL BARREL SPRAY PUMP.

This pump is made of brass, and is powerful and easy to operate. It is made on same principle as the Bucket Pump, but larger—has lever handle, 2-inch cylinder and air chamber, patent agitator, ample capacity for two streams, and is fitted with a top casting to bolt to chime of barrel. Complete with 5 feet of ½-inch 3-ply hose and graduating Vermorel nozzle, $7.50.

Eight foot Extension Pipe, for above pumps, 50c extra.

MYERS' FOUNTAIN KNAPSACK PUMP.

It is constructed of first quality of galvanized iron, with round corners, removable strainer and tight lid, which prevents liquid from splashing on operator. It is fitted with adjustable straps so as to be carried on the back, or can be carried by bail. It is tapped at both right and left hand lower corners, and fitted with brass female ends, to which hose is attached, either one or two strings of which may be used at one time. When one hose only is used, the other opening is closed with a metal plug furnished for that purpose. The hose and bulb used are made of the best white rubber, and protected at each end by coiled wire to prevent breaking. The valves are made of brass and will not corrode, have large openings which permit the free flow of water, and shut off instantly when under pressure. The nozzle is made of brass, nickel plated, has 50 small openings, and throws a spray 6 feet wide at a distance of 12 feet. The pump is operated by grasping the bulb in the hand and compressing it, which causes a spray to be thrown any distance from 3 to 15 feet if desired, on relaxing the pressure on the bulb it expands, refilling instantly, when the same operation can be repeated. To shut off flow of water entirely, use valve on hose for that purpose. The operator can cover one or two rows of plants or vines if desired, and do the work at a rapid walk, thus covering a large amount of territory in a very short time. Holds 5 gallons. Weight 52 lbs. when full. All working parts are brass.

Pump, with one tube, rubber bulb and rose, $4.00. Pump, with two tubes, rubber bulbs and roses worked by both hands, $5.50.

THE AUTO SPRAY. IMPROVED FOR 1910.

A self-operating or automatic sprayer. You hold the hose, the machine does the work. The climax of all Sprayers; combines every conceivable point of excellence, including economy, durability, low price and ease in carrying and operating.

DIRECTIONS.—This cut shows the air chamber and reservoir combined. Fill the reservoir not more than two-thirds full with the solution ready for spraying, insert air pump at the end of can and all is ready for the operation. The sprayer being carried by the shoulder strap leaves both hands of person operating with nothing to do but direct the spray. Spray can be made to flow slower or faster by merely turning the cock of the spray nozzle and will throw either a cloud like shower or a solid stream.

A few strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous stream for 9 minutes. This means that the Sprayer can be charged in 15 seconds, when it will work uninterruptedly long enough to spray ¼ acre potatoes. Weight, empty, 7 lbs; loaded, 39 lbs; capacity about 4 gals.

Prices—"Auto Spray," complete, galvanized steel tank, $6.00; with brass tank, $8.00.

Extras—Extension pipes, 2 ft. lengths, galvanized steel, brass ends, 40c; solid brass, 50c. Auto-Pop and Auto-Choke Nozzle, $2.00. Auto-Pop and Auto-Choke Nozzle instead of Stopcock, $1.00. We highly recommend the Auto-Sprayer.

SPRAMOTOR OUTFITS

The Spramotor is so favorably known in Canada that we can only say we know of no better spraying machine. These machines were awarded the Government Spraying Contest, the Gold Medal at the Pan-American Exhibition, and the highest awards at Glasgow, Toronto, Ottawa and Halifax, and has lately been awarded Gold Medal at National Horticultural Congress at Council Bluffs, and purchasers may be sure of getting strictly high grade machines.

SPRAMOTOR FRUIT SPRAYING OUTFITS.

Spramotor Jr., No. 1	$10 00
Spramotor Jr., No. 2	13 00
Extra for all brass	3 00
Spramotor Jr., No. 1, with 10 ft. hoze and nozzle.	11 75
Spramotor Jr., Outfit No. 110, being Spramotor No. 1, with hand valve, 10 ft. hose, iron extension rod, with drip guard and 2-nozzle cluster.	14 75
Same, if with bamboo extension pipe, No. 107.	16 25
Spramotor Outfit No. 112, being Spramotor No. 2, with hand valve, 10 ft. hose, bamboo extension rod, with drip guard, and 2-nozzle cluster	$19 25
Same, if with 3-nozzle cluster, No. 113	20 10
Extra with barrel and screen	3 00

The cut to the left represents the Spramotor Painting Machine, for the application of oil and water and paints. Will pass through any opening the size of the cask. It is fitted with patented quick release plates, which allow the machine to be removed instantly. New patent immovable strainer and by-pass, which allows the mixture in the machine to pass back into the barrel when through with the machine. Price, complete with all new improvements $22 00

Extra for all brass	3 00
Extra for 2-nozzle cluster	1 00
Extra for No. 2 Spramotor, in place of No. 1	3 00
Extra for hose, per foot, net	10

Nothing about the spraying outfit is of such vital importance as the nozzles, which, if faulty, will not apply the spray in the proper way, nor save the crop. The greatest care is exercised with Spramotor Nozzles, and they are as near perfection as possible.

NOZZLES.

Single Nozzle	$0 75	3-Nozzle Cluster	$2 60
Double Cluster	1 75	Y Connection	60

STOPCOCKS.

Plain	$0 75	Patent Hand Valve	$1 00

Ten feet Hose and Couplings, $1.00. Drip Guards, 40 cents.

EXTENSION RODS.

Bamboo Extension Rod, with Drip Guards	$2 50
Iron Extension Rod	60

ROW SPRAYERS.

2-Row Brass Sprayer, with nozzle	$3 70
3-Row Brass Sprayer, with nozzle	5 30
4-Row Brass Sprayer, with nozzle	7 00
5-Row Brass Sprayer, with nozzle	9 60

SPRAMOTOR CAN OUTFITS, AS SHOWN.

Spramotor No. 0, with 2½ feet hose and nozzle	$7 00
Extra for heavy galvanized can	2 00
No. 103, same, if with bamboo extension pipe, hand valve and can	$12 50
Spramotor Outfit No. 102, as shown, for spraying fruit trees, with 10 feet hose, hand valve, extension pipe, with drip guard, without can	$9 75

THE SPRAMOTOR WHEEL OUTFIT. NO. 105.

With No. 0 Spramotor, fitted as illustrated, with 5 feet of hose, patent hand valve, 8 foot extension pipe, with patent drip guard and nozzle. Price complete $18 00

Same, if with bamboo extension pipe, 8 or 10 feet	19 60
Same, if with all brass No. 0	21 60
Same, if fitted with No. 1 instead of No. 0	23 60
Same, with No. 1, all brass	26 60

HAND SPRAMOTOR OUTFITS FOR POTATO, MUSTARD, VINEYARD AND TREES.

OUTFIT NO. 123.

Spramotor No. 2, all brass	$16 00
Mounted on 50-gallon cask	3 00
Six feet Extra Quality Hose	1 00
Four-row Brass Surface Sprays and Nozzles	7 00
Row Sprayer, Support and Rack	5 00
Hand Valve	1 00
One-horse Cart	17 00
Total	$50 00

OUTFIT NO. 124.

Same as Outfit No. 123, only with Spramotor Jr. No. 2, with brass working parts $47 00

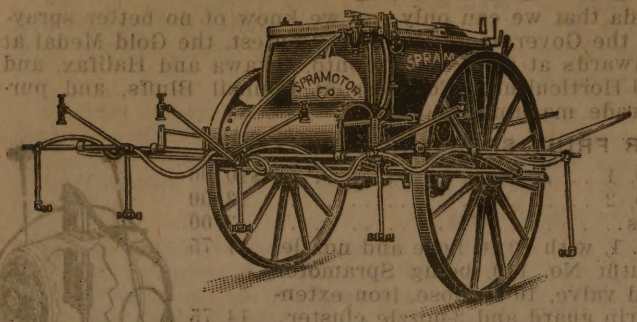
OUTFIT NO. 125.

Same as Outfit No. 123, only with Spramotor Jr. No. 1, all brass $47 00

OUTFIT NO. 126.

Same as Outfit No. 123, only with Spramotor Jr. No. 1, brass working parts $44 00

HORSE POWER SPRAMOTOR.



The machine, as shown is for potato spraying with a four-row bottom and top Sprayer, two nozzles spraying the vines from below and one from above to each row. We give a few of its chief points. The tank will hold 84 Imperial or 100 U. S. gals.; is made of low down compact design of cypress or selected white pine, and provided with 3 bands with bolts, whereby any shrinkage may be taken up, and has a large manhole for filling. The brass suction connection in the bottom of the tank has a screwed cap, the removal of which opens a 2½-inch hole for cleaning out the tank. The agitator is of the revolving pattern, made of wood, fastened together with brass screws, and swings on brass bearings, and actuated by sprocket from the axle. It will thoroughly stir and keep of uniform strength any mixture used in spraying. The axle is of cold roller steel 1⅝ in. in diameter, of any length desired to suit the work to be done, in machined bearings, and turns only one way. Each operates independent of the other, both driving by separate ratchets. The width of row may be changed from 26 in. to 36 in. by simply extending the stand pipes along the spray rod. The wheels may also be moved at will to track any width of row desired; have iron hubs with internal ratchets; 48 ins. diameter, 3 in. tires, of best selected stock. The motor is our special Horse Power Duplex that has 2 in. cylinders and 6 in. stroke, double acting, fitted with automatic self-packing, extra long plungers that will run a season and not leak. These plungers can be removed and repacked in five minutes at any time. With the addition of the large air chamber, orchards of peaches, plums, pears and medium sized apple trees may be sprayed in passing, while the largest sized apple trees may be sprayed by circling the tree, or spraying a quarter of each tree in a row, and then recrossing the rows. With a 4-nozzle cluster a stop of two minutes at a time is possible. The nozzle protector is one of the best arrangements yet devised to screen spraying mixtures under pressure. It is made entirely of brass, presents the largest area of double screen, and can be cleaned mechanically from the driver's seat. When it is opened the pressure drives all the sediment back into the tank, and by holding it open the nozzles are stopped and the fluid allowed to flow into the tank till the pressure is gone. This model machine includes automatic and hand pressure regulator, 200 lbs. pressure gauge, automatic nozzle adjuster, patent nozzle protector, cover for motor, arranged for one horse. **Price, complete as shown, $125.00.**

The Vineyard Spramotor is the same in every way as above, except the vineyard spray stand pipes have 4 nozzles on vertical pipes, that are, by means of out Patent Nozzle Adjuster, held in vertical position automatically. The nozzle and pipes are adjustable as to width apart; height and each side may be changed as to width. **Price, complete, $120.00. Derrick for tree spraying, $5.00.**

THE FAULTLESS SPRAYER.

Made in brass and tin; throws spray as fine as mist. Adapted for the destroying of every kind of insect. It is economical, will not drip, and its shape is such that as it sprays up or down, all the liquid is pumped out, leaving but a spoonful in the can. It is absolutely the best constructed sprayer of its class ever offered to the trade. For strength and durability it has no equal. The tapering point to air chamber gives great force to the spray; carrying it to the greatest possible distance. This tapering tube also allows the air chamber to be fastened to the tank in the most substantial manner. The tube of air chamber is soldered to top of reservoir and also supported by a broad strip of metal passing over point of tube. The point of air chamber and small tube through which the liquid passes are thoroughly protected from damage in use or shipping. Piston rod is spring steel wire and cup leather plunger. One-half teaspoonful of Paris Green and once filling with water is sufficient to destroy all the bugs on 1,300 hills of potatoes. **Prices Tin with Galvanized Tank, 65c; postpaid, $1.00. All Brass, $1.00, postpaid $1.35.**

IMPROVED BRASS GARDEN SYRINGES.

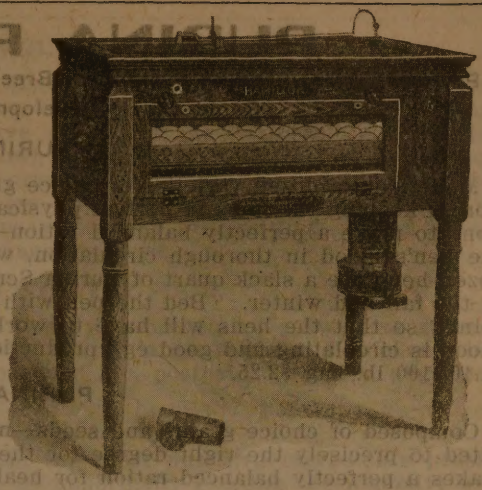
No. 1—Syringe, 16-inch barrel, each $3.50. No. 2—Full size, Reed's 18-inch barrel, ball valve, each $5.00. These Syringes have improved side screws attached, and are the best English make. Best Canadian 18-inch Brass Syringes, $2.00. Improved Zinc Syringes, for fruit trees, 50c each.

REGAL GARDEN GLOVES.

A strong useful glove, giving full use of the fingers, but protecting the hand. Just the thing for garden work and also on the farm. There is a big demand for them, and they are well made and will wash, thus lasting a long time. Made in men's sizes, large and medium, and also women's and boys' sizes, 15c each, postpaid 20c each.

Twemlow's Old English GLAZING PUTTY { Half liquid, superior to ordinary putty; will not crack or peel. 1 gallon glazes 300 lineal feet. Apply with Scollay's Putty Bulb. 1 quart, 60c; ½ gallon, $1.00; 1 gallon, $1.75.

HAMILTON INCUBATORS

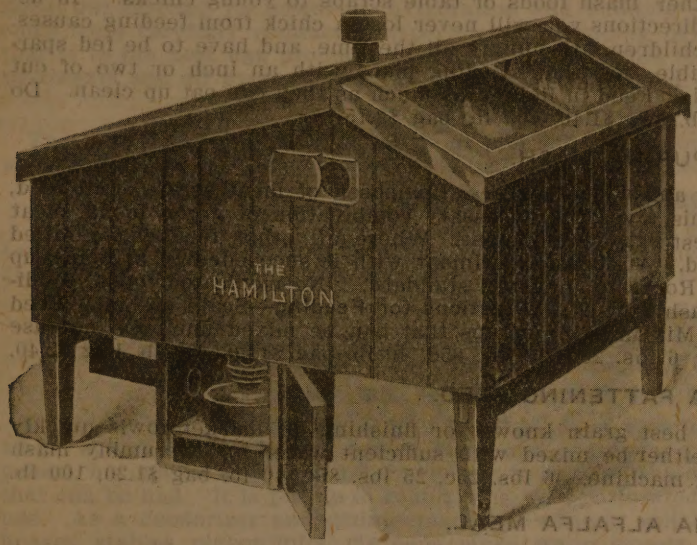


This is a strictly first-class machine, easily operated, well made, and of best material, and its hatching qualities are unsurpassed by any machine on the market. Trays are strongplated steel mill wire, thermometers the best, and Smokeless Sun-hinge Burners are used. Egg Tester supplied with each machine. They were awarded diploma at National Exhibition, Toronto, and we will furnish to all applicants catalogues with list of testimonials. It is not a cheap machine, but the best, and guaranteed to give satisfaction.

Prices—No. 1, 40 eggs, $11.00; No. 2, 60 eggs, $15.00; No. 3, 120 eggs, $20.00; No. 4, 240 eggs, $27.00. Prices here.

ACME SPRING LEVER POULTRY PUNCH.

The best and easiest operated machine for marking chicks, etc., so as to keep record of them. 45c each, postpaid.



HAMILTON BROODERS

An out-door brooder is a necessity, for chicks can be reared far more successfully with these than with hens. These are well made, like the incubators, and are guaranteed to give satisfaction. It has an artificial heating arrangement and is built to stand all sorts of weather. An Out-door Brooder is preferable to an in-door one, though we make both, for the out-door one can be used either indoors or out. It has the best burner and lamp on the market.

Price—Indoor, 120 chicks, $9 here; out-door, 120 chicks, $11.00 here.

INCUBATOR THERMOMETERS

75c each, postpaid.

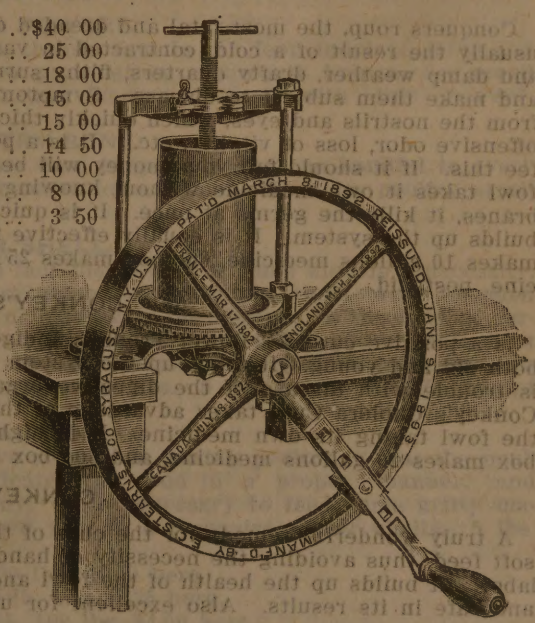
POULTRY CRAMMING MACHINE.

Our Cramming Machines are on an entirely new and improved principle, for the force-feeding of turkeys, fowls, etc. Quality of food can be regulated to a minimum. Is more simple in construction, having less working parts. The plunger is self-feeding. Entire absence of air in the plunger. Everlasting wear. Is easier worked. Under the complete control of the operator. $12.00 each here.

GREEN BONE, MEAT AND VEGETABLE CUTTER.

The famous Webster & Hannum make, the only make to receive the World's Fair Medal—the only machine having a truly automatic feed.

No. 3,	with fly wheel, on stand, weight	260 lbs.	$40 00
No. 7,	" " " "	200 "	25 00
No. 6,	" " " "	135 "	18 00
No. 6	" for bench		15 00
No. 2,	"	56 "	15 00
No. 5,	" on stand	125 "	14 50
No. 4,	" for bench	46 "	10 00
No. 4,	" crank	26 "	8 00
Clover Cutter			3 50



GALVANIZED DRINKING FOUNTAIN.

The best up-to-date drinking fountain, easily fitted, easily cleaned, and will not burst if water freezes in them. 1 qt. 30c, 2 qt. 40c, 4 qt. 50c, 8 qt. 70c each here.

IMPROVED CHAMPION LEG BAND.

This is made in one piece, in two sizes, adjustable to fit any fowl. Held by double lock, it is impossible for them to fall off. Made of aluminum or copper. Bend broad part of band on your finger to conform to shape of fowl's leg. Put small end through loop, draw through till it fits loosely on the leg, turn the end back, then bend the two lugs over the loose end. Cut off surplus with shears. 1 doz. 25c, 2 doz. 40c, 4 doz. 75c, 100 for $1.50, postpaid.

PURINA POULTRY FEED

A Perfect Poultry Feeding System for Breeders, Poultrymen and Housekeepers, Increasing Healthy, Rapid Chick Development, and Increased Egg Production.

PURINA SCRATCH FOOD.

Made from a dozen varieties of choice grains and seeds, each selected to perform a special function in keeping the hens in perfect physical and laying condition. These are mixed in proper proportions to make a perfectly balanced ration—and ground. Feed according to directions, thus keeping the hen's blood in thorough circulation, which makes them lay. **Directions for Feeding**—For every dozen hens use a slack quart of Purina Scratch Feed in the spring and summer, and a heaping quart in the fall and winter. Bed the pen with four to six inches of straw (litter), scattering the food in thinly, so that the hens will have to work it out. When you can keep your hens scratching their blood is circulating and good egg production is bound to follow. 7 lbs. 25c, 25 lbs. 75c, 40 lb. bag $1.10, 100 lb. bag $2.25.

PURINA BABY CHICK FEED.

Composed of choice grains and seeds—more than dozen kinds, carefully selected—perfectly granulated to precisely the right degree for the youngsters, and screened clean of all fine stuff. This makes a perfectly balanced ration for healthy, hearty and rapid chick development, as well as best digestive results. Avoid feeding meal or other mash foods or table scraps to young chicks. In using Purina Baby Chick Feed according to directions you will never lose a chick from feeding causes. **Directions for Feeding**—Little chicks, like children, are hungry all the time, and have to be fed sparingly every few hours in the day. If possible, bed their feeding place with an inch or two of cut alfalfa or clover. Scatter Purina Baby Chick Feed in lightly, as much as they can eat up clean. Do not overfeed. 5 lbs. 25c, 25 lbs. $1.00, 40 lb. bag $1.40, 100 lb. bag $2.75.

PURINA MASH.

Green food and meat ration for moulting and winter eggs. Composed of meat scraps, mill feed, and alfalfa meal from our own mills. This gives the necessary combination of green foods, meat and medicinal qualities necessary for h'ghest egg development. Where all other feeds have failed to produce eggs Purina Mash has succeeded. A recent experiment with it succeeded in bringing up the egg yield of a flock of White Plymouth Rocks to Leghorn standard. No medicated foods, condimentals or spices required when Purina Mash is used. **Directions for Feeding**—Scald or boil. Feed as much as the hens will eat up clean. Mix in table scraps that can be mixed fine. Do not use coarse bits of scrap, whole bone or gristle. 6 lbs. 25c, 25 lbs. 85c, 40 lb. bag $1.20, 100 lb. bag $2.40.

PURINA FATTENING FEED.

A careful, intelligent combination of the best grain known for finishing off market fowls quickly and profitably; ground to a meal. It can either be mixed with sufficient water for a crumbly mash or made into a gruel for use in the stuffing machine. 6 lbs. 25c, 25 lbs. 85c, 40 lb. bag $1.20, 100 lb. bag $2.40.

PURINA ALFALFA MEAL.

Alfalfa Meal is rapidly taking the place of clover meal as a green feed, and is far more nutritious, containing twice as much protein. It has a rich green color that looks as succulent and appetizing as it really is. But, the ordinary commercial alfalfa meals are expensive—too much bulky fibre—the coarse stems and stalks ground up. We have built two mills and equipped them at heavy expense with special machinery, to grind just the tender, succulent tops and tendrils. Our alfalfa meal is cleaner, purer, more succulent, more appetizing—and more economical because it contains more nutrition to the pound. 6 lbs. 25c, 25 lbs. 85c, 40 lb. bag $1.20, 100 lb. bag $2.40.

CONKEY'S ROUP CURE.

Conquers roup, the most fatal and dreaded disease of the poultry yard, and very contagious. It is usually the result of a cold, contracted in various ways, such as crowded houses, exposure to cold and damp weather, drafty quarters, filthy surroundings, which weaken the constitution of the fowls and make them subject to disease. Symptoms: Sneezing, followed by difficult breathing; discharge from the nostrils and eyes, which quickly thickens, becoming cheesy looking; rattling in the throat; offensive odor, loss of vitality, etc. It is a positive cure for all forms of this disease. We guarantee this. If it should fail your money will be refunded. It is placed in the drinking water, the fowl takes it own medicine without knowing it. Coming in contact with the head and throat membranes, it kills the germs at once. It is quickly taken up by the system, and cleanses the blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. Price, 30c box makes 10 gallons medicine, 60c box makes 25 gallons medicine, and $1.10 box makes 75 gallons medicine, postpaid.

CONKEY'S CHOLERA CURE.

Is a positive cure for Bowel Trouble, Indigestion, Diarrhoea, Dysentery, Cholera, etc., in fowls, both old and young. It tones up the system and puts the flock in excellent condition. A fowl which is trouble with disease of the digestive organs usually loses its appetite but becomes very thirsty. Conkey's Cholera Cure takes advantage of this important point as it is given in the drinking water, the fowl taking its own medicine. It is highly recommended for turkeys and pigeons. Price, 30c box makes 20 gallons medicine, and 60c box makes 50 gallons medicine, postpaid.

CONKEY'S GAPE CURE.

A truly wonderful remedy for the cure of this disease. It is prepared so that it can be given in the soft feed, thus avoiding the necessity of handling the fowls and relieving the poultryman of all labor. It builds up the health of the fowl and gradually overcomes the worm. It is absolutely sure and safe in its results. Also excellent for use as a preventative. Price, 60c per box, postpaid.

DR. HESS' POULTRY PAN-A-CE-A.

Makes hens lay, prevents all disesases and cures roup, cholera, gapes, leg weakness, etc. For chickens, turkeys, ducks and geese, something every poultry man needs, to have success in the business. It promotes the general good health of the fowl, greatly quickens digestion, and being a tonic, works all the various organs like a piece of machinery. Use Pan-a-ce-a and make your hens lay when eggs are at a high price. It is very valuable for young chickens when they are growing. 24 oz. package, 35c, postpaid 60c; 5 lb. package 85c here.

PRATT'S POULTRY FOOD.

A necessity for all who keep poultry, a preventive as well as a sure cure for all poultry diseases, and a guaranteed egg producer. Makes larger fowls, and quickens the growth of young chicks. 8 oz. pkg. 10c, postpaid 20c; 26 oz. pkg. 25c, postpaid 55c; 4 lb. pkg. 50c, 5 lb. pkg. 60c, 12 lb. pkg. $1.25, 25 lb. pkg. $2.50 here.

IDEAL POULTRY FOOD.

This excellent preparation is concentrated food made from the most nutritive ingredients possible, and will not injure fowls. Its results are secured not by abnormally exciting the digestive organs, but through its power of invigoration and building up the whole of the animal system. Results from carefully conducted experiments extending over a long period have shown conclusively that it is the best egg producer in existence. Splendid for turkeys, geese, chickens, ducks, pigeons, pheasants and all aviary birds. 26 oz. pkg. 20c, postpaid 50c.

DR. HESS' STOCK FOOD.

The best food for horses, cattle, hogs and sheep; thoroughly reliable, and guaranteed to give satisfaction. 7 lb. package, 65c; 12 lb. package, $1.00; 100 lb. package, $7.00 here.

PRATT'S ANIMAL REGULATOR.

Highly concentrated. Cures hog cholera, makes pigs grow quickly, dairy cows produce more butter and milk, stops slinking of calves and makes them healthy, and regulates horses. 21 oz. pkg. 25c, postpaid 50c; 42 oz. pkg. 50c here; 72 oz. pkg. 75c here.

PRATT'S STOCK FOOD.

An excellent food for horses, cattle, hogs and sheep; guaranteed to give satisfaction, and thoroughly reliable; largely used. 7 lb. pkg. 50c; 12 lb. pkg. 75c, 25 lb. pkg. $1.50; 25 lb. pail $1.80 here.

DR. HESS' INSTANT LOUSE KILLER.

Kills lice, ticks, fleas, moths, ants and all kinds of vermin. Probably no single enemy is so universal among stock and poultry as lice. It is not a poison, but lasting, effectual and convenient to use, and the cheapest article that can be had. It is put up in round cans with perforated lids, ready for use. As a deodorizer and disinfectant it is entirely reliable for poultry houses, stables, pigeon lofts, pig pens, sinks, water closets, cesspools, garbage boxes, kennels, etc. It serves as an absolute preventive of disease, and will speedily destroy all parasites that inhabit such places. It is especially adapted for the destruction of sheep ticks, a powder and easy to apply, overcoming the great disadvantage of dipping, and can be applied in cold weather when the wool is long and the ticks are most numerous. 1 lb. tins 35c, postpaid 55c.

PRATT'S LOUSE KILLER.

A splendid disinfectant, as well as sure death to lice and all such vermin. 5 oz. package 10c, postpaid 18c; 16 oz. package 25c, postpaid 45c; 2½ lb. package 50c here.

DR. HESS' HEALING POWDER.

Cures galls, scratches, grease heel, cuts, ulcers, burns, thrush, foul in the foot, indolent sores and open wounds of every description. It prevents excessive granulation, commonly known as proud flesh. It is also a reliable antiseptic. Flies will not attack wounds treated with this powder. 4 oz. tin 25c, postpaid 30c.

GRANULATED POULTRY BONE.

A little larger than wheat, and can be fed like any other food in grain, about one handful to every five fowls daily or every other day. In either manner it furnishes a valuable food for poultry at all seasons of the year. 8 lbs. 25c, 100 lb. bag $2 here.

CRUSHED OYSTER SHELL.

Peerless brand. All breeders of poultry recognize the fact that a grit of some kind is a necessity. Even where the fowls range, strength and plumpness are gained by providing them with Crushed Oyster Shells. The most frequent cause of the hens not laying is the absence in the food of carbonate of lime. As it is practically pure carbonate of lime, it supplies, when fed to poultry, this most essential element, and greatly aids in the formation of the egg. Stone, lime, gravel, grits, etc., in fact nothing of a mineral character will equal it in beneficial results. 5 lbs. 10c, 25 lbs. 25c, bag of 100 lbs. 75c here.

MICA-SPAR CUBICAL GRIT.

One of the principal reasons why so many do not have success in raising poultry is that the poultry cannot obtain sufficient grit to enable them to masticate their food in a proper manner, and strange to say, this is greatly neglected by a great many. It is necessary to feed some gritty material. It keeps and makes hens healthy, and if it is used you do not require oyster shells. 5 lbs. 10c, 25 lbs. 25c, 100 lb. bag 75c here.

BLOOD MEAL—4 lbs. 25c, 25 lbs. $1.25 50 lbs. $2.15, 100 lbs. $4.00 here.

MEAT MEAL—7 lbs. 25c, 25 lbs. 75c, 50 lbs. $1.25, 100 lb. bag $2.25 here.

BEEF SCRAPS—4 lbs. 25c, 25 lbs. $1.25, 50 lbs. $2.25, 100 lbs. $4.00 here.

THE "TRIUMPH" CAPONIZING SET.

There is no doubt in the minds of up-to-date poultrymen as to the advantages of caponizing. The operation is very simple, and with a "Triumph" Caponizing Set any boy 12 years of age can perform it with safety and thoroughness. Capons, as every one knows, sell on the market as a rule from five to eight cents per pound higher than any other chickens, and the demand is always good, is steadily growing, and at this time a better market is assured the producer in this field than any other. Now is the time to get into the caponizing business, and the first thing, to start right, is to buy a "Triumph Caponizing Set." No more efficient, simple or more easily operated set is being offered the craft to-day, and you will make no mistake by selecting the Triumph set.

Prices: Set in plush-lined cloth-covered case, postpaid, $3.25; set in polished hardwood box, postpaid, $3.00; set in Japanned wood box, postpaid, $2.75. Instructions furnished with each set.

THOMPSON'S BONE CUTTER.

Warranted to cut both dry and green bones. If you keep a dozen fowl or more you cannot afford to be without one. This machine must not be confounded with the Bone Mill, as it cuts fresh bones from the butcher, and the latter only grinds dry bones, which do not contain any vegetable matter. This Cutter weighs about 55 pounds; size, tempered steel knives, 3-16 inches thick, and 2¼ inches wide; diameter fly wheel, 20½ inches. We can furnish this machine with crank in place of fly wheel if desired. Price, with crank, $7.50; with fly wheel, $8.50; arranged with pulley for power, $13 here.

STERLING DIARRHŒA REMEDY.

This remedy is guaranteed to relieve young chicks or full grown fowls from diarrhœa, also white diarrhœa and all bowel trouble, unless where young chicks have reached the last incurable stage. It is also a splendid preventive. It is readily taken in their drinking water. Complete directions with the box. Price, box, 60c postpaid.

Price List of Valuable Books, Postpaid.

Agriculture, A B C of. Weld	$ 55
Alfalfa. Coburn, F. D	55
Asparagus. Hexamer, F. M	55
Cabbage, Cauliflower and Allied Vegetables. Allen	55
Carrots, Mangold Wurtzels, etc., On. Gregory	35
Celery for Profit. Greiner, T.	35
Crops. Spraying. Weed, Clarence M.	55
Drainage, Farm. French	1 10
Farm Appliances	55
Farm Grasses of the United States. Spillman, W. J.	1 40
Fertilizers, On. Gregory	35
Forage Crops Other Than Grasses. Shaw, Thomas	1 10
Fungi and Fungicides. Weed, Clarence M.	1 10
Gardening for Pleasure. Henderson, Peter	1 65
Gardening for Profit. Henderson, Peter	1 65
Garden Making. Bailey, L. H.	1 65
Hedges, Windbreaks, etc. Powell, E. P	55
Insects and Insecticides. Weed, C. M	1 65
Manure, Farming with Green. Harlan	1 10
Market Gardening and Farm Notes. Landreth	1 10
Mushrooms. Falconer, Wm	1 10
Onion Culture, the New. Greiner	55
Plant Life on the Farm. Masters.	1 10
Practical Garden Book. Hunn, C. E	1 40
Silos, Ensilage and Silage. Miles, Manly	75
Soiling Crops and Silo. Shaw, Thomas	1 65
Soil, The. King, T. H	1 65
Tomato Culture	55
Tobacco Culture	40
Bulbs and Tuberous Rooted Plants. Allen, C. L.	1 65
Floriculture, Practical. Henderson, Peter	1 65
Fruit Grower, Practical. Maynard	55
Forcing Book. Bailey, L. H	1 40
Forestry, Practical. Fuller, A. S	2 00
Fruit Growing, Principles of. Bailey, L. H.	1 65
Horticulturists' Rule Book. Bailey, L. H	$1 10
Profitable Gardening, Principles of. Bailey, L. H.	1 65
Fumigation Methods. Johnson W. G	1 10
Grape Growers' Guide. Charlton	85
Grape Growing and Wine Making. Husman, Prof. G.	1 65
Greenhouse Construction. Taft, Prof. L. R.	1 65
Greenhouse Management. Taft, Prof. L. R.	1 65
Nursery Book. Bailey, L. H.	1 65
Plants, Propagation of. Fuller, A. S.	1 65
Plants, Your. Shehan, James	45
Plants, First Lessons With. Bailey, L. H.	85
Rose, On the. Parsons	1 10
Small Fruit Culturist. Fuller, A. S	1 10
Strawberry Culturist Fuller, A. S	35
Window Flower Garden. Heinrich	55
Landscape Gardening. Waugh, F. A.	55
Ornamental Gardening for Americans. Long	1 65
Animal Breeding. Shaw, Thomas	1 65
Cattle Doctor, American. Dadd Pof. Geo. H.	2 25
Feeds and Feeding. Henry, W. A.	2 25
Key to Profitable Stock Feeding. Myrick, Herbert	35
Milk and its Products. Wing, W. H	1 40
Pig, Harris on the. Harris Joseph	1 10
Dog Breaking, Hints on. Floyd. William	55
Horse Doctor, Modern Dadd, G. H.	1 10
Beekeeping Explained, Mysteries of. Quimby	1 10
Egg Farm, New Revised. Stoddard, H. H	1 10
Profits in Poultry and their Profitable Management	1 10
Canary Birds. New and Revised Edition	55
Hunter and Trapper. Thrasher, H.	55
Taxidermy Practical. Batty, J. H.	1 10
Barn Plans and Outbuildings	1 10
House Plans for Everybody. Reed	1 10
Methods of Making Manures. Bommer, Geo.	40
Weeds and How to Eradicate Them. Shaw, Thos.	85

PLANT STAKES.

We offer Bamboo Canes for staking plants, as follows: Light weight, 3 ft. tall, at 60c; medium weight, 6 ft. tall, at $1.00; strong, 8 ft. tall, at $1.25 per 100; also Painted Wooden Stakes, 8 inches tall, at 60c; 10 inches tall, at 80c; 12 inches tall, at $1.00 per 100 here. Require to go by express.

REEDS FOR WEAVING. Postpaid for 20c lb. extra.

No. 1, fine, 15c oz, $1.75 lb. No. 2 and No. 3, 12c oz, $1.50 lb. No. 4 and No. 5, 10c oz, $1.25 lb. No. 6, coarse, 10c oz, $1.10 lb. 132 page book (illustrated) on Roffea and Reed Weaving, 75c.

LITTLE'S SHEEP DIP.

An excellent preparation. Price, 75c bottle here.

FRASER'S AXLE GREASE.

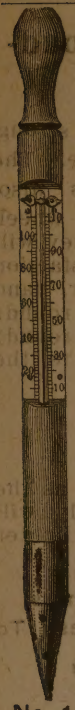
The best. Price, 3½ lb. pail, 35c here.

BINDER TWINE.

We offer Brantford Cordage Co.'s Famous Binder Twine. This cannot be excelled by any on the market, and we recommend their best brands, viz: Gilt Edge, 650 feet, at 15c lb., and Gold Leaf, 600 feet, at 14c per lb. It pays to buy the best twine, it goes much further, runs smoother, and there is no trouble. Prices subject to market fluctuations.

GRAPE TWINE.

We offer a splendid brand for tying grapes, etc. Price, 15c lb., 25 lbs. $3.50, 100 lbs. $13.00 here.



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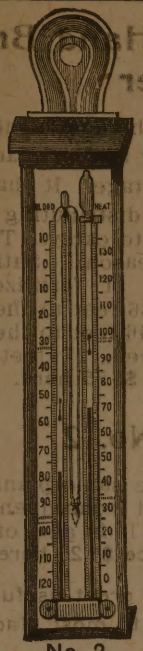

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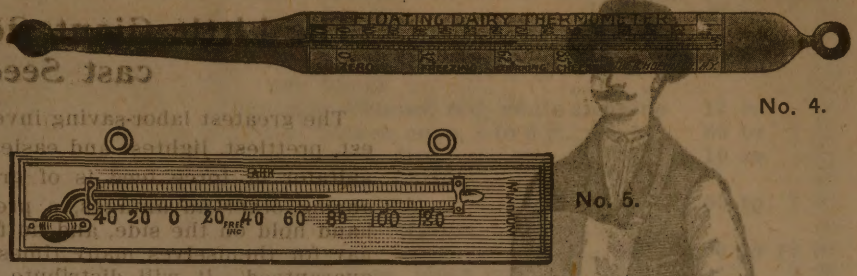


No. 4.

No. 5.

THERMOMETERS

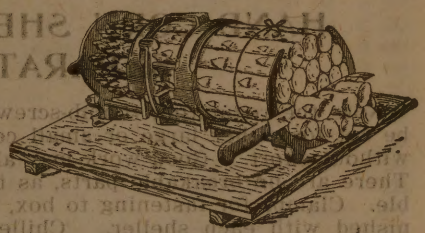
We illustrate herewith No. 1 Hotbed Thermometer, $1.50; No. 2, maximum and minimum registering, $2.00; No. 3, ordinary, 30c to 75c, nickel cases $1.00, extra fine $1.00 to $2.00; No. 4, dairy, 30c; No. 5, maximum or minimum registering, 75c each. We also carry long distance thermometers, 30c, and for incubators, 75c each. All postpaid 10c each extra. Our stock of these is large, and from the best manufacturers; all tested and guaranteed.

SILKALINE

For florists, for stringing Smilax and other trailing plants. It is very strong, and a fast color; color green, and does not fade; made in three sizes—fine, medium and coarse. 2 oz. spools, 25c each; per lb. $1.75; postpaid $2 per lb.

ACME ASPARAGUS BUNCHER

A very handy machine for bunching asparagus, which saves time. It has knife guide and adjustable headpiece for regulating length of bunch. No. 1 makes 3 to 3½ inch bunch, and No. 2 makes 4 to 5 inch bunch. Each $1.75 here.



Asparagus Buncher.

SURE THING FLY KILLER OIL

The best compound for keeping flies off horses and cattle and killing lice on hens, etc. In 1 quart tins, 40c; in ½ gallon tins, 65c; in strong gallon tins, $1.10 here.

The Buco.

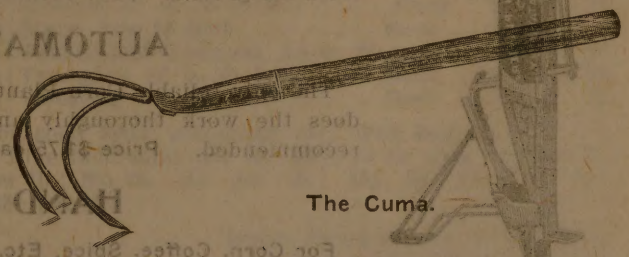
THE "BUCO" GARDEN CULTIVATOR

Cleans Weeds Out by Root.

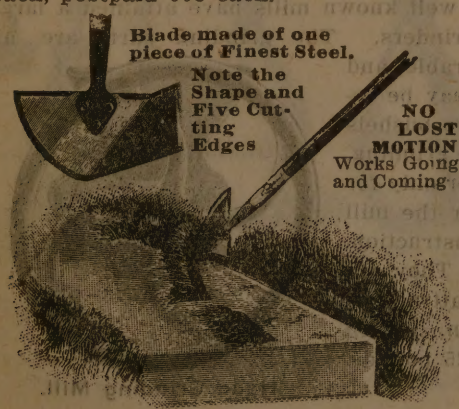
For preparing soil, cultivating, weeding and clearing there is no tool equal to it. The "Buco" Cultivator has five prongs of crucible spring steel, oil tempered, which can be adjusted to make a broad and narrow tool, and one or more prongs can be removed, if desired for special work. It cleans all weeds out by root and loosens the soil thoroughly. These are the two great essentials in gardening. It saves an immense amount of labor. It keeps the garden clean and healthy, and grows better crops. Around vegetables, shrubs, hedges and trees it does great work. Price, $1.25 each here.

THE CUMA

Made by same manufacturers, for small gardens and such use. Very useful. Price 40c each, postpaid 60c each.



The Cuma.



HOUGH PATENT HOE

A Combination Tool for the Garden or Lawn. A Weeder, Edger, Hoe, Drill, Spade and Sod Cutter.

This is an improved form of implement and provides a simple, inexpensive tool which may be conveniently used for trimming the edges of lawns, walks, and flower beds, and which also may be used as a weeding shuffle hoe and as a sod cutter around fruits and other garden truck. Where it has been used in parks and on lawns it has been unversally recommended. It can be used where any other hoe is used, even to chop cotton, and it is an excellent implement to dig weeds with. To use this hoe, you "push and pull," or dig the same as with a spade, and for that reason can be used advantageously in places close to fences, around flower beds, walks, etc. Price $1 each here.

The Little Giant Geared Hand Broadcast Seed Sower

The greatest labor-saving invention of the age. The strongest, prettiest, lightest and easiest running Seeder made. The agitator or force feed is of great advantage. It has also, among other advantages, a pressed tin distributing wheel, hand hold on the side, and no feed plate to carry. They will pay for themselves many times in one season. Satisfaction guaranteed. It will distribute all kinds of fertilizer, land plaster or ashes. Flax and Clover Seed, 36 feet to the round; Wheat, 50 feet to the round; Buckwheat, 46 feet to the round; Barley, 40 feet to the round; Timothy Seed, 27 feet to the round; Oats, 36 feet to the round. **Price, $1.75 here.**

The Little Giant No. 2

Made by same manufacturer and on the same plans as the above Seeder, but not quite so large, and consequently will not do as much work in the same time. It is also of lighter make, but will do just as good work. **Price $1.25 here.**

We highly recommend these Seeders, and have many letters testifying to their great usefulness. The cheapest way to send either Seeder is by express, which costs 25c to 50c to most places. To out-of-the-way places we can mail them for 75c. extra.

HAND CORN SHELLER WITH SEPARATORS

Note the regulating thumb-screw, enabling the sheller to be set for either large or small corn. It shells clean and without effort. Good work may also be done on Pop Corn. There are no breakable parts, as the light pieces are malleable. Clamps for fastening to box, with bolts and wrench furnished with each sheller. Chilled shaft and bearings. A very useful implement, and one that should be in possession of every farmer that uses corn. Weight, racked, 20 pounds. **Price $2.00 here.**

CLEAN CUT TREE PRUNER

An invaluable implement in the orchard for lopping off boughs; has a long handle by which you can reach 11 or 12 feet from the ground. **$2.00 each here.**

AUTOMATIC CORN PLANTER

The only reliable Corn Planter we have seen. Worked with one hand. It does the work thoroughly and saves a great deal of time and labor. Highly recommended. **Price $1.75 each here.**

HAND GRINDING MILLS

For Corn, Coffee, Spice, Etc.—These well known mills have attained a large sale, purely in their merits as rapid grinders. The grinding parts are all made of a specially good tough iron, which renders them durable, and they will last for years. When necessary, however, they may be renewed at a small cost. The capacity ranges from one to two bushels per hour, accordingly as the mill may be set for fine or coarse grinding. The mills may be adjusted to grind corn meal for table use, or only for cracking the grain. The product is evenly ground, whether the mill be set for coarse or fine work. They are very simple in construction, and not liable to get out of repair. The shaft is of steel. They are made all ready for attachment to table. The finish is quite attractive, painted wine color and varnished, with gilt ornamentation. Each mill is racked separately for safe transportation. Weight 25 pounds. **Price $3.00 each here.**

Hand Grinding Mill.

GARDEN REQUISITES AND GARDENERS' SUPPLIES

Aphis Punk, for fumigating, per box			$0 90
Aphicides	Each		50
Asparagus Buncher	Each		1 75
Atomizers and Sprinklers	Each		50
Bouquet Papers, 4 to 5 inch, per doz.		$0 50 to	75
Button-hole Tubes	Each		5
Bellows, for dusting plants	Each	75 to	1 50
Baskets, Berry, per 1,000			4 00
" Plant, per 1,000			6 00
" Fruit, 12 qt., per 100			4 00
" 24 qt. crates, per doz			1 75
" Pickers, per doz			1 00
" Wire, hanging	Each	25 to	1 00
Binder Twine, 650 ft.	Lb.		15
Binder Twine, 600 ft.	Lb.		14
Chenille, per 12 yards			50
Cape Flowers, per bunch, wired			20
Corn Planters	Each		1 75
Doves for Florists	Each		1 75
Flower Pots and Saucers, 2 to 12 in.		3 to	60
" " fancy, 5 to 8 in.		15 to	1 00
" Japanese ware, 7 to 12 in.		1 00 to	3 00
" Hanging	Each	20 to	50
Fern Pots, 6 to 10 inch	Each	10 to	50
Florists' Companions	Each		75
Forks, Potato and Manure	Each	1 00 to	1 50
Grass Catchers	Each	1 00 to	2 00
Grafting Wax, French, per tin		30 to	50
Grafting Wax, American, per lb.			30
Glaziers' Points, VanReypers, 1000.			75
Grass, China, for tying, per lb.			30
Grass, Roffea, for tying, per lb			25
Hooks, Briar and Bill	Each	1 00 to	1 50
Hoes, Garden	Each	50 to	75
Hoes, Dutch or Scuffle, 4 to 8 in. ea.		45 to	70
Iron, Edging	Each		1 25
Immortelles, purple, red, white, bunch		40 to	50
Jardinieres	Each	25 to	1 75
Knives, Pruning and Budding	Each	75 to	1 75
Labels, plain, 4½ inch, per 100			15
Labels, painted, 4½ inch, per 100			20
Line, Garden	Each	$0 25 to	$0 50
Lawn Vases	Each	75 to	3 50
Labels, Tree, with wire, per 100			20
Moss, Dried Green, Yellow or Red, per bunch			15
Pampas Plumes, red, white and blue		15 to	20
Plant Stakes, cane, 3 to 6 ft., per 100		60 to	1 00
Pot Covers, fancy paper	Each	10 to	25
Pot Covers, Lattice	Each		10
Pots, Watering	Each	50 to	1 50
Pencils, Waterproof	Each		10
Plows	Each	2 50 to	10 00
Pruner, Tree, clean cut	Each		2 00
Rakes, best cast steel	Each	50 to	1 00
Rakes, English Lawn	Each	1 50 to	2 00
Reels for Garden	Each	75 to	1 50
Rustic Chairs	Each		1 00
Rustic Vases	Each		1 25
Rustic Sofas	Each		1 50
Rollers, Garden	Each	10 00 to	15 00
Saws, Pruning	Each	1 00 to	1 50
Scythes, Patent English, 36 to 42 in.		1 50 to	1 75
Scythe Stones	Each	10 to	20
Shovels	Each	50 to	1 00
Spades, English, Parke's	Each		1 50
Spuds, for Thistles, etc.	Each	40 to	75
Sphagnum Moss, per bale			1 50
Scissors, Flower Gatherers	Pair		50
Scissors, Grape Thinners	Pair		75
Scissors, Pruners	Pair	1 00 to	3 00
Shears, Hedge	Pair	75 to	2 00
Shears, Grass, Edging	Pair	50 to	2 00
Shears, Pruning and Lopping	Pair	50 to	2 50
Sheep Dip, Little's	Per bottle		75
Tobacco Stems	Per 100 lbs		2 00
Tooth Picks, Florist's	Per box		15
Trowels, English	Each	35 to	50
Trowels, American	Each		25
Twine, per lb		25 to	50
Triers, for drawing samples	Each		1 25
Wreaths, Metal or Dried Flower, ea.			1 50

Mastica, for glazing greenhouses, 2 qt. tin, $1; 4 qt. tin, $1.75; machine for applying same, $1.75 each.
Roffea, colored, for making hats, baskets, etc. Red, green, blue, black, brown, etc. ¼ lb. 20c, lb. 60c.
Reed, for weaving. Fine, 50c; medium, 45c; coarse, 40c per ¼ lb. Each 15c oz., postpaid.

FLORAL DESIGNS

Other Designs Supplied. Catalogue on Application.

Anchors, 8 to 30 inch	Each	$0 10 to	$0 70
Anchor and Cross, 12 to 24 in.	Each	18 to	35
Broken Column, 12 to 36 in.	Each	25 to	90
Broken Links, 12 to 16 inch	Each	25 to	50
Crosses, 8 to 30 inch	Each	3 to	24
Crowns, 7 to 14 inch	Each	25 to	60
Faith, Hope and Charity, 20 to 30 in		70 to	1 20
Gates Ajar, 18 to 24 inch	Each	1 10 to	1 60
Harps, 14 to 24 inch	Each	35 to	75
Hearts, 8 to 16 inch	Each	10 to	25
Horseshoes, 6 to 16 inch	Each	7 to	25
Maltese Cross, 8 to 20 inch	Each	$0 10 to	$0 40
Oddfellows' Links, 18 to 24 in.	Each	35 to	60
Pillows, single, 10 to 30 inch	Each	15 to	60
Pillows, double, 8 to 24 inch	Each	39 to	1 00
Pyramids, 12 to 24 inch	Each	25 to	45
Shields, 12 to 21 inch	Each	20 to	30
Sickles, 12 to 20 inch	Each	12 to	24
Stars, 7 to 18 inch	Each	7 to	20
Square and Compass, 14 to 24 inch	Each	35 to	85
Triangles, 12 to 21 inch	Each	15 to	50
Wreaths, 6 to 24 inch	Each	3 to	25

Cocoanut Fibre—Unequalled for seed beds, mulching, etc. Per bag, $1.00.
Tinfoi.—(Subject to change). Five inch wide, per lb., 25c; 10 lb. lots, 20c per lb.
Wire, Annealed—No. 24, 20c per lb.; No. 26, 25c per lb.; No. 28, 25c per lb.; No. 30, 30c per lb.; No. 36, 35c per lb.

Rubber Putty Bulb. No. 1, $1.10; No. 2, 90c; No. 3, 75c; No. 4, 60c.

Insect Powder Bulb for Spraying Powder on Plants, etc. A very handy article. $1.10.

No. 1 Angle, $1.10; No. 2, $1.00.

RUBBER PUTTY BULB, PRICE $1.10.

Excellent for glazing. A pressure with the hand ejects the putty along sash bars, makes tight and neat joints, does not daub glass or stick to hands.

SCOLLAY'S RUBBER PLANT SPRINKLERS.

Indispensable for floral work and window gardening, and very useful for dampening clothes or sprinkling in any way.

If Putty Bulbs, Powder Bulbs or Sprinklers are wanted by mail, add 10c postage on each.

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McCLARY'S IMPERIAL ENAMELED CHICKEN FOUNTAIN

A sanitary and continual supply of fresh water is guaranteed. Being made of acid and rust-proof enamel on steel, it will not break, and is readily cleaned.

Made in Three Sizes. 1 qt. 30c; 2 qts. 40c; 4 qts. 50c.

THE LIGHTNING POTATO EYECUTTER

does the work many times faster and more accurately than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter. It has been proved conclusively that pototoes cut to a single eye give the best results.

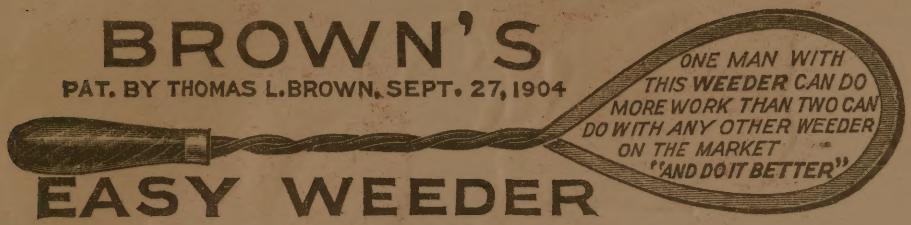
Price 30c by mail, postpaid.

HAZELTINE'S HAND WEEDER

An invaluable tool in the garden. 35c each postpaid.

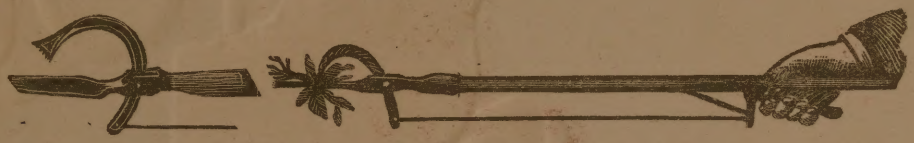
BROWN'S EASY WEEDER

PAT. BY THOMAS L. BROWN, SEPT. 27, 1904



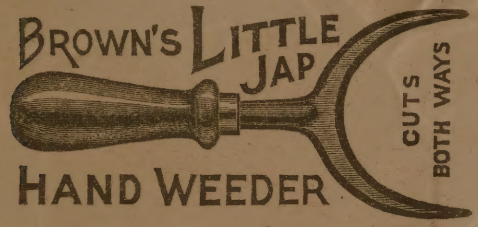
Especially adapted for working among carnations, roses, etc. Equally as valuable to the market gardener and nurseryman, and the best all-round weeder for the private garden.

Does not cut or destroy the roots of plants. The pushing edge is thin enough to work easily through the soil, but too dull to damage the stems of plants should it come in contact with them. The inner edge is sharp. Takes out all the weeds, its oval shape permitting the operator to weed behind the plants while standing in front. 35c each here, 45c postpaid.



CLEVELAND LAWN WEEDER

No More Broken Backs—This device gets at the root of the evil and removes it bodily. The curved edge of the blade enters and loosens the soil; pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge same without disturbing surrounding sod. Price 75c each.



Brown's Little Jap Hand Weeder and Thinner

It does the work rapidly and in a thorough manner and will work two rows at a time. It has four cutting edges, can be used right or left handed, and does no injury to plants no matter how small. 25c each, postpaid 30c.

BRUCE'S BIG 4 FIELD ROOT SPECIALTIES

THE HEAVIEST YIELDERS, FINEST QUALITY, AND BEST IN EXISTENCE.

Bruce's Giant Feeding Sugar Beets—For cut and general description refer to page 31. These grand roots, half sugar beet and half mangel, are the leaders on the market to-day, and to show how they are capturing the trade and growing in favor we give our sales: Introduced by us in 1900, sales, 43 lbs.; 1902, 1,954 lbs.; 1905, 4,327 lbs.; 1907, 9,800 lbs.; 1908, 15,122 lbs.; 1909, 21,421 lbs. We have two varieties, White and Rose. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. 90c. Postpaid to Canadian points, 5c per lb. extra.

Bruce's Mammoth Intermediate Smooth White Carrots—See page 31. Not so popular as our other three root specialties, as they require more labor, but should be grown by all stockmen, as they are invaluable for horses. Introduced by us in 1891. Sales then 14 lbs., up to 1,352 lbs. now. ¼ lb. 15c, ½ lb. 30c, lb. 50c. Postpaid to Canadian points, 5c lb. extra.

Bruce's Giant Yellow Intermediate Mangel—See page 33. The favorite field root at the present day. Since its introduction in 1891, when we sold 56 lbs. (sales 1900, 6,110 lbs.), up to the present time its popularity has increased by leaps and bounds, and we sold last year 17,056 lbs. of this grand Mangel. ¼ lb. 10c, ½ lb. 15c, lb. 25c, 4 lbs. 90c. Postpaid to Canadian points 5c per lb. extra.

Bruces New Century Swede Turnip—See page 34. It is very gratifying to us to receive so many complimentary letters testifying to the superiority of this fine Swede, and in order to show its wonderful popularity we give our sales since its introduction in 1901, when we sold 16 lbs. 1902, 250 lbs.; 1903, 1,491 lbs.; 1906, 4,351 lbs.; 1907, 6,560 lbs., when we sold out before the season was over; while last season we sold 9,370 lbs. The past season, which was not a very favorable one for Swedes, showed that it was the only one in many districts that gave a fair crop, and that it made growth in dry weather when other varieties were at a standstill. Besides its heavy cropping quality it is the handsomest and best in quality of all Swedes. It resists mildew best, it is the best shipping variety, and for cooking purposes cannot be excelled by any other Swede. It is a purple topped variety, resembling Westbury, of splendid uniform growth, and the roots are clean and of handsome shape. In sections where large quantities are grown for the American market the growers and shippers will have no other. ¼ lb. 10c, ½ lb. 15c, lb. 40c, 4 lbs. $1.40. Postpaid 5c lb. extra.

Sugar Beet, Mangel and Swede Turnip are very short crops this season, especially New Century Swede, and orders should be placed early.

The above are our own private stocks, and there is no other just as good. Refuse all substitutes.

ESTABLISHED 1850

KING EDWARD
SPENCER SWEET PEA
PACKET 15¢

JOHN A. BRUCE & CO. LIMITED.

SEED MERCHANTS.

HAMILTON,

CANADA.

DUNCAN LITHO HAMILTON